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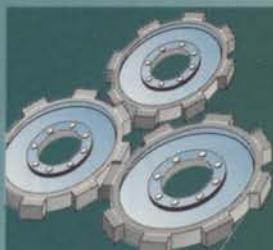
LANDSCAPE MANAGEMENT

INCORPORATING LAWN CARE INDUSTRY

1993 DIRECTORY AND BUYER'S GUIDE



Equipment



Equipment
Companies



Control
Products

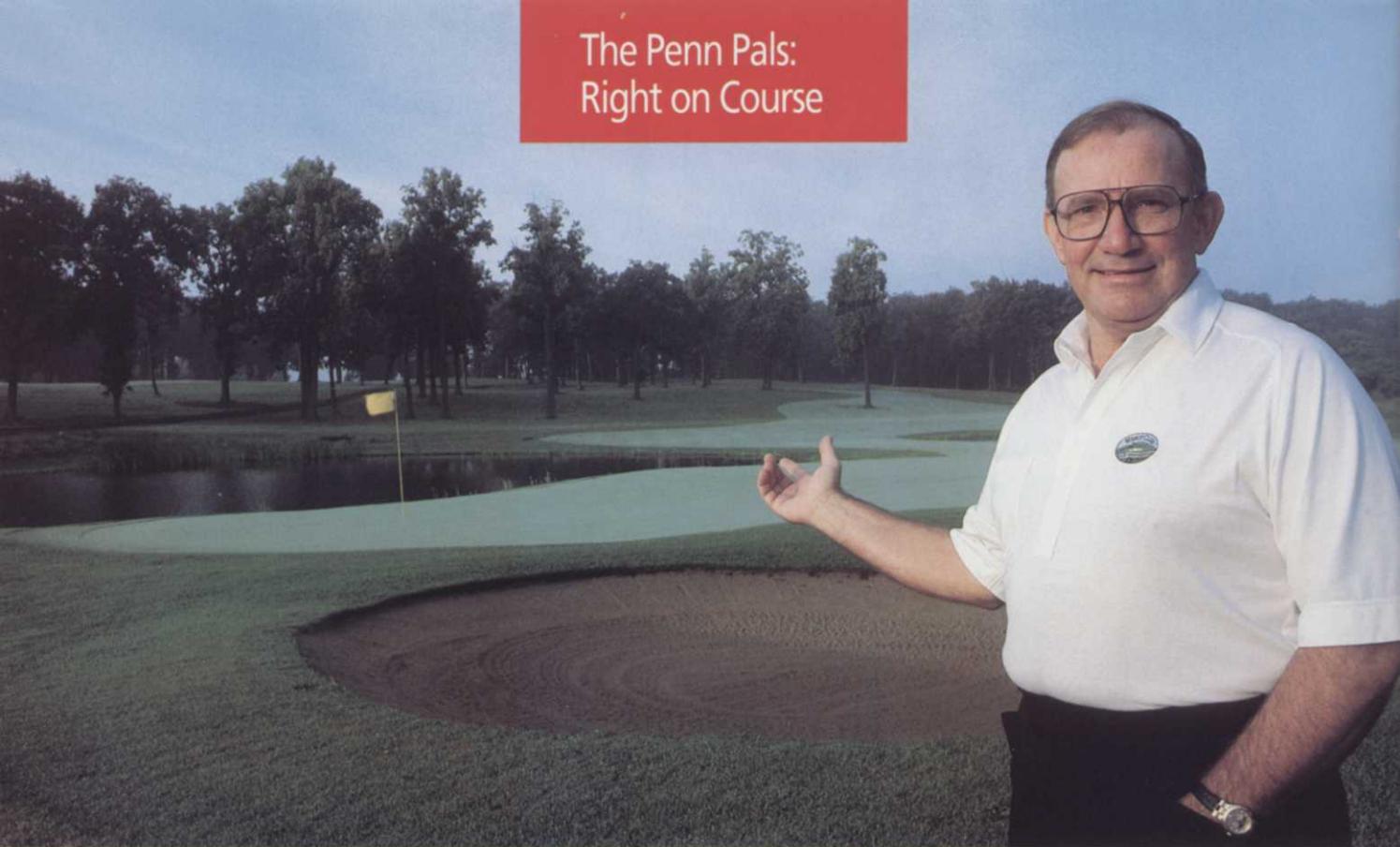


Chemical
Companies



Seed & Seed
Companies

BEARD
COLLECTION



The Penn Pals: Right on Course



Oscar Miles, CGCS, overlooks the 6th hole at the Merit Club, Libertyville, Illinois.

PennLinks Greens. Penneagle Fairways. Penncross Tees. The 'Penn Pals' Are Picture Perfect At The Merit Club.

Superintendent Oscar Miles, with Club President Ed Oldfield's affirmation, specified all the grassing of this Robert M. Lohmann designed club. With a clean canvas and open palette, Oscar began with PennLinks greens, Penneagle fairways and Penncross tees, framing them with bluegrass/fine fescue/wildflower and prairiegrass roughs. You couldn't paint a more attractive picture.

Oscar chose PennLinks greens for its rapid establishment, marvelous root system, a crown and stolons that take topdressing, upright, grainless qualities and good, consistent color ... the best putting surface available.

He selected Penncross for tees because they recover from divot scars more quickly.

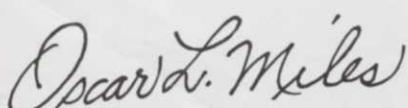
And the Penneagle fairways? Oscar chose Penneagle for its upright growth, reduced thatch development, low nitrogen requirement and good drought and dollar spot resistance. He seeded at 80 lbs. per acre for immediate turf development and

erosion control. The fairways were playable in 8 weeks. Oscar's crew usually mows fairways in the evening and leaves the clippings; recycling nutrients while reducing removal and fertilizer costs.

Oscar articulates it best: "The unique coloring of the 'Penn Pals' contrasts beautifully with the grassing around them, defining the target areas. And with the dew on the bents early in the morning, they're a marvelous work of art."

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SEPTEMBER 1992 VOL. 31, NO. 9

5 DESK COMPANION

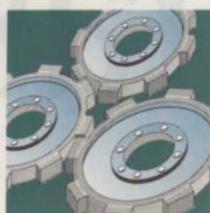
A complete guide to the professionals you might have to contact for business purposes during the next 12 months, as well as key contacts at land grant universities across the country.

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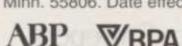
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Golf Course Superintendents Association of America, 1421 Research Park Dr., Lawrence, KS 66049-3859; (913) 841-2240.

International Society of Arboriculture, P.O. Box 908, Urbana, IL 61801; (217) 328-2032.

International Turfgrass Society, Crop & Soil Environmental Sciences, VPI-SU, Blacksburg, VA 24061-0403; (703) 231-9796.

National Arborist Association, The Meeting Place Mall, P.O. Box 1094, Amherst, NH 03031-1094; (603) 673-3311.

National Golf Foundation, 1150 South U.S. Highway One, Jupiter, FL 33477; (407) 744-6006.

Ohio Turfgrass Foundation, 2021 Coffey Rd., Columbus, OH 43210; (614) 292-2601.



Professional Grounds Management Society, 10402 Ridgeland Rd., Suite 4, Cockeysville, MD 21030; (301) 667-1833.



Professional Lawn Care Association of America, 1000 Johnson Ferry Rd., NE Suite C-135, Marietta, GA 30068-2112; (404) 977-5222.

Responsible Industry for a Sound Environment, 1155 15th St., NW, Washington, D.C. 20005; (202) 296-6085.



Sports Turf Managers Association, P.O. Box 98056, Las Vegas, NV 89193-8056; (702) 739-8052.

Turf and Ornamental Communicators Association, 8500 Normandale Lake Blvd., Suite 1200, Bloomington, MN 55437; (612) 831-8515.

AS WE SEE IT

TERRY McIVER, MANAGING EDITOR



Developing and promoting turfseed brands cuts costs

The latest National Turfgrass Evaluation Program examined some 72 varieties of bluegrass, 65 perennial ryegrasses, 93 fine fescues and 65 tall fescues.

But you, the buyer, might only need one of each.

Confused? You're not alone.

Even some within the seed industry think the great number of varieties makes it hard for the buyer to choose.

Sandra Winton of Zajac Performance Seeds wrote LM following publication of our annual Seed Pocket Guide in July.

"The proliferation of turfgrass varieties, and the multitude of data collected on those varieties has made the job of turf professionals progressively more difficult and confusing," she wrote. "Many varieties that were statistically indistinguishable from the No. 1 rated were never [even] mentioned in the guide."

In addition, Tom Stanley, director of marketing for Turf-Seed, reports some astronomical figures for brand promotion costs.

"Also, varieties have a short life span," says Stanley. "Too many varieties are causing confusion in the marketplace, and not many are significantly different."

"We all want to be listed on the first page of the turf trial reports," admits Stanley, "but what about the varieties on the second and third page? Are they significantly different? Most probably are not."

According to Stanley, Turf-Seed has decided to counter some of the confusion by promoting brands. "By promoting brands," says Stanley, we can take the disadvantages of promoting varieties and turn them into advantages." He also believes brands are "easily upgraded by using new breeding material that's coming through our research program, and it's easy to maintain exclusivity."

The University of Illinois' Dr. Hank Wilkinson, speaking at the Jacklin Discovery Tour, explained that more and

more seed companies are expanding their research to accelerate seed development, and to fill the growing void left by shrinking university research programs.

But research is costly and in some cases a hit-and-miss proposition, even for the most established company.

"You can do a lot of research and get nowhere," admits Wilkinson. "For me to generate one piece of new information can cost between \$30,000 and \$40,000," says Wilkinson. He described a figure as seemingly high as \$1 million as "a drop in the bucket" when considering the total capital needed to finance research. And even then, most investments don't see solid results for 10 to 20 years, even longer for disease research.

"Industry's going to have to pick up more of this role and cooperate with universities," said Wilkinson, "and you're going to see more people hired in at the private level to do this work."

If it doesn't necessarily develop new varieties, seed research can still, as Stanley suggests, improve within a brand itself. "Better quality, better traits, resistance, hardiness, green-up—if it won't produce good quality consistently, it's not of much value," admitted Wilkinson.

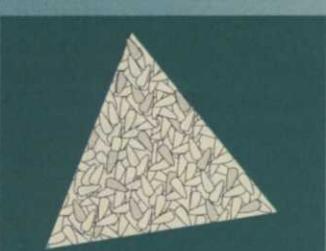
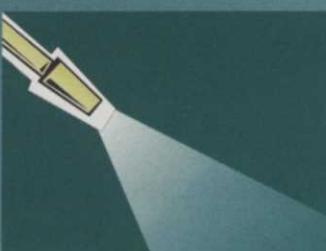
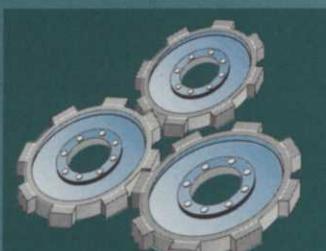
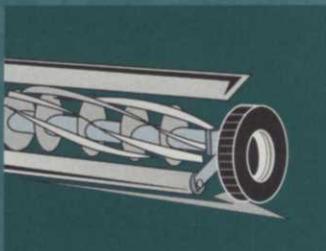
LANDSCAPE MANAGEMENT would like to continue being on the cutting edge of providing our readers with significant information about the seed industry. If you have any comments or suggestions as to how we can better serve you, please let us know.

Terry McIver

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Crop Science Society of America, 677 S. Segoe Rd., Madison, WI 53711; (608) 273-8080.

Soil and Water Conservation Society, 7515 N.E. Ankeny Rd., Ankeny, IA 50021; (515) 289-2331.

Soil Science Society of America, 677 S. Segoe Rd., Madison, WI 53711; (608) 273-8080.

ATHLETIC TURF

American Society of Testing Materials, F-8 Committee, 1916 Race St., Philadelphia, PA 19103; (215) 299-5400.

American Sports Underwriters, 600 Unicorn Park Dr., Woburn, MA 01801; (617) 938-6300.

Sports Turf Managers Association, 401 N. Michigan Ave., Chicago, IL 60611; (312) 644-6610.

Sports Turf Research Institute, Bingley, West Yorkshire, ENGLAND BD16 1AU.

AQUATICS

Center for Aquatic Plants, 7922 NW 71st., University of Florida, Gainesville, FL 32606; (904) 392-9613.

USDA Aquatic Weed Laboratory, University of California, Davis, CA 95616.

BOTANY

American Society of Plant Physiologists, 15501 Monona Drive, Rockville, MD 20855-2768; (301) 251-0560.

U.S. Botanic Garden Conservatory, 1st St. & Maryland Ave. S.W., Washington, D.C. 20024; (202) 225-8333.

CHEMICALS/FERTILIZERS

AOAC International, 220 Wilson Boulevard, Suite 400, Arlington, VA 22201-3301; (703) 522-3032.

Chemical Specialties Manufacturers Association, 1913 I Street NW, Washington, DC 20006; (202) 872-8110.

The Fertilizer Institute, 501 Second St., NE, Washington, DC 20002; (202) 675-8250.

Midwest Agricultural Chemicals Association, P.O. Box 2125 Northside Station, Sioux City, IA 51104-0125; (712) 277-7380.

National Agricultural Chemicals Association, 1155 15th St., N.W., Suite 900, Washington, DC 20005; (202) 296-1585.

Agricultural Retailers Association, 339 Consort Drive, Manchester 36011, MO 63011; (314)-256-4900

Western Agricultural Chemicals Association, 3835 North Freeway Boulevard, Suite 140, Sacramento, CA 95834; (916) 446-9222.

ENVIRONMENT

Ecological Society of America, Center for Environmental Studies, Arizona State University, Tempe, AZ 85287-3211; (602) 965-3000.

U.S. EPA, Office of Public Affairs, 401 M St. S.W., Washington, D.C. 20460; (202) 260-4361.

Keep America Beautiful, 9 West Broad St., Stamford, CT 06902; (203) 323-8987.

National Wildlife Federation, 1400 16th St. N.W., Washington, D.C. 20036; (202) 797-5441.

EQUIPMENT

Equipment Manufacturers Institute, 10 South Riverside Plaza, Suite 1220, Chicago, IL. Michigan Ave., Suite 680, Chicago, IL 60606. (312) 321-1470

Lawn, Garden & Power Equipment Expo, 6100 Dutchman's Lane, Louisville, KY 40205; (800) 558-8767.

National Association of Wholesalers-Distributors, 1725 K St. N.W., Suite 710, Washington, D.C. 20006; (202) 872-0885.

National Equipment Servicing Dealer's Association, P.O. Box 2116, Peoria, AZ 85380; (602) 566-0997.

National Lawn & Garden Distributors Association, 1900 Arch St., Philadelphia, PA 19103; (215) 564-3484.

Outdoor Power Equipment Institute, 341 S. Patrick St., Old Town Alexandria, VA 22314; (703) 549-7600.

The Service Dealers Association, 1946 South IH-35, Suite 100-A, Austin, TX 78704; (512) 443-7999.

GOLF

American Society of Golf Course Architects, 221 N. LaSalle St., Chicago, IL 60601; (312) 372-7090.

Canadian Golf Course Superintendents Association, 5580 Explorer Drive, Suite 509, Mississauga, Ontario; (416) 602-8873.

Carolina's Golf Course Superintendents Association, 108-4 Frontage Rd. Clemson, SC 29631; (800) 476-4272.

Georgia Golf Course Superintendents Association, P.O. Box 683, Watkinsville, GA 30677; (404) 769-4076.

Golf Course Superintendents Association of America, 1421 Research Park Dr., Lawrence, KS 66049-3859; (913) 841-2240.

Golf Course Superintendents Association of New Jersey, 66 Morris Ave, P.O. Box 359, Springfield, NJ 07081; (201) 379-1100.

Maine Golf Course Superintendents Association, 170 U.S. Rt. 1, Suite 200, Falmouth, ME 04105. (207) 781-7878.

National Golf Course Owners Association, 19 Exchange St. P.O. Box 1061, Charleston, SC 29402; (803) 577-5239.

National Golf Foundation, 1150 S. US Highway One, Jupiter, FL 33477; (407) 744-6006.

Northern Ohio Golf Course Superintendents Association, 17800 Chillicothe Rd., Chagrin Falls, OH 44022; (216) 543-6320.

USGA Green Section, P.O. Box 708, Golf House, Far Hills, NJ 07931; (908) 234-2300.

West Texas Golf Course Superintendents Association, 6200 Estacado Lane, Amarillo, TX 79109; (806) 354-8447.

HORTICULTURE

American Horticultural Society, 7931 East Blvd. Drive, Alexandria, VA 22308; (800) 777-7931.

American Society for Horticultural Science, 113 S. West St., Suite 400, Alexandria, VA 22314; (703) 836-4606.

Ornamental Growers Association of Northern Illinois, P.O. Box 67, Batavia, IL 60510; (708) 879-0520.

IRRIGATION

American Society of Irrigation Consultants, 425 Oak St., Brentwood, CA 94513; (510) 516-1300.

California Landscape & Irrigation Council, Inc., P.O. Box 488, Chino, CA 91708-0488; (714) 590-5680.

Canadian Irrigation Association, 235 Carlisle Rd., Carlisle, Ontario, CANADA L0R 1H0; (416) 689-8134.

Florida Irrigation Society, 1850 Lee Rd., Suite 230, Winter Park, FL 32789; (407) 740-5296.

Georgia Water Wise Council, 1033 Franklin Rd., Suite 11, Marietta, GA 30067.

The Irrigation Association, 1911 N. Fort Myer Dr., Suite 1009, Arlington, VA 22209; (703) 524-1200.

North Carolina Irrigation Society, Inc., P.O. Box 7625, North Carolina

Texas Turf Irrigation Association, 1033 La Posada Dr., Suite 220, Austin, TX 78752; (512) 454-8626.

LANDSCAPE DESIGN

American Society of Golf Course Architects, 221 N. LaSalle St., Chicago, IL 60601; (312) 372-7090.

American Society of Landscape Architects, 4401 Connecticut Ave. N.W., Fifth Floor, Washington, D.C. 20008; (202) 686-2752.

The National Lighting Bureau, 2101 L Street N.W., Suite 300, Washington, D.C. 20037; (202) 457-8437.

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Allied Landscape Industry, 1250 I Street N.W., Suite 500, Washington, D.C. 20005, (202) 789-2900.

Arizona Landscape Contractors Association, P.O. Box 5766, Scottsdale, AZ 85261; (602) 956-4252.

Associated Landscape Contractors of America, 12200 Sunrise Valley Dr., Suite 150, Reston, Va 22091; (703) 620-6363.

Associated Landscape Contractors of Colorado, 5290 E. Yale Circle, Suite 100, Denver, CO 80222; (303) 757-5611.

Associated Landscape Contractors of Massachusetts, Inc., 200 Linden St., Wellesley, MA 02181; (617) 431-1617.

California Landscape Contractors Association, Inc., 2021 N. St., Sacramento, CA 95814; (916) 448-2522.

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Illinois Landscape Contractors Association, 2200 S. Main St., Suite 304, Lombard, IL 60148; (708) 932-8443.

Indianapolis Landscape Association, 740 Auman Dr. W., Carmel, IN 46032; (317) 844-1799.

Landscape Contractors Association of Maryland/DC/Virginia, 9053 Shady Grove Ct., Gaithersburg, MD 20877; (301) 948-0810.

Landscape Maintenance Association, P.O. Box 728, Largo, FL 34649; (813) 584-2312

Landscape Manitoba, 808 Muriel St. Parkside Dr., Winnipeg, Manitoba, CANADA R2Y 0Y3; (204) 889-5981.

Landscape Materials Information Service, P.O. Box 216, Callicoon, NY 12723, (914) 887-4401.

Landscape Ontario Horticultural Trades Association, 1293 Matheson Blvd., Mississauga, Ontario, CANADA L4W 1R1; (416) 629-1184.

Metro Atlanta Landscape & Turf Association, P.O. Box 420995, Atlanta, GA 30342; (404) 256-4822.

Metropolitan Detroit Landscape Association, c/o 30600 Telegraph Rd., Suite 1386, Bingham Farms, MI 48025; (313) 646-4992.

Nassau/Suffolk Landscape Gardeners Association, P.O. Box 489, Brightwaters NY 11718; (516) 665-2250.

National Landscape Association, 1250 I St. N.W., Suite 500, Washington D.C. 20005; (202) 789-2900.

Nevada Landscape Association, P.O. Box 7431, Reno, NV 89510; (702) 356-0909.

New Jersey Nursery & Landscape Association, Building A, Suite 3, 65 S. Main St., Pennington, NJ 08534; (609) 737-0890.

New York State Nursery & Landscape Association, P.O. Box 657, Balwinsville, NY 13027; (315) 699-3337 or (800) 647-0384.

North Carolina Landscape Contractors Association, P.O. Box 400, Knightdale, NC 27545; (919) 266-1777.

Ohio Landscapers Association, P.O. Box 170 Richfield, OH 44286; (216) 659-9755.

Oregon Landscape Contractors Association, 825 NE 20th, Suite 120, Portland, OR 97232; (503) 232-5509.

Professional Grounds Management Society, 10402 Ridgland Rd., Suite 4, Hunt Valley, MD 21030; (301) 667-1833.

Texas Association of Landscape Contractors, 3001 LBJ Freeway, Suite 105, Dallas, TX 75234; (214) 241-1399.

Utah Association of Nurserymen & Landscape Contractors, 3500 S. 900 E., Salt Lake City, UT 84106; (801) 487-4131.

Washington Association of Landscape Professionals, P.O. Box 729, Mercer Island, WA 98040; (206) 236-1707.

Washington State Nursery & Landscape Association, P.O. Box 670, Sumner, WA 98390; (206) 863-4482.

Wisconsin Landscape Contractors Association, 21620 Belgren Rd., Waukesha, WI 53186; (414) 786-2465.

NATIVE GRASS, WILDFLOWERS

California Native Grass Association, P.O. Box 566, Dixon, CA 95620.

National Wildflower Research Center, 2600 FM 973 North, Austin, TX 78725; (512) 929-3600.

PARKS/RECREATION

Michigan Recreation & Park Association, 2722 E. Michigan Ave., Suite 201, Lansing, MI 48912; (517) 485-9888.

Minnesota Park Supervisors Association, 3400 Plymouth Blvd., Plymouth, MN 55477; (612) 550-7463.

Missouri Park & Recreation Association, 1203 Missouri Blvd., Jefferson City, MO 65109; (314) 636-3828.

National Institute on Parks & Grounds Management, P.O. Box 1936, Appleton, WI 54913; (414) 733-2301.

National Parks & Conservation Association, 1776 Massachusetts Ave. NW, Washington, DC 20036; (202) 223-6722.

National Recreation & Park Association, 2775 S. Quincy St., Suite 300, Arlington, VA 22206; (703) 820-4940.

Ontario Parks Association, 1220 Sheppard Ave. E., North York, Ontario, CANADA M2K 2X1; (416) 495-4088.

Southwest Park & Recreation Training Institute, Park Administration and Landscape Architecture Dept., P.O. Box 4219, Stop 3144,

PESTICIDES

The Alliance for Environmental Concerns, P.O. Box 3692, Wayne, NJ 07474; (201) 595-7172.

Forestry/Rights-of-Way/Turf Coalition (Wisc.), 2317 International Lane, Suite 109, Madison, WI 53704; (608) 249-2323.

Interstate Professional Applicators Association, P.O. Box 1377, Milton, WA 98354; (503) 656-3219.

Ohio Pesticide Applicators for Responsible Regulation, 1215 Terminal Tower, Cleveland, OH 44113; (216) 781-1212

Professional Pesticide Users of Connecticut, 88 Palmer Dr., South Windsor, CT 06074; (203) 644-4447.

Responsible Industry for a Sound Environment, 1155 15th St., NW, Suite 900, Washington, DC 20005; (202) 872-3860.

SEED/SOD

American Association of Seed Control Officials, Oregon Dept. of Agriculture, Commodity Inspection Div., 635 Capitol St. NE, Salem, OR 97310-0110; (503) 378-3774.

American Seed Trade Association, 601 13th St. NW, Suite 570-South, Washington, D.C. 20005; (202) 638-3128.

American Sod Producers Association, 1855-A Hicks Rd., Rolling Meadows, IL 60008; (708) 705-9898.

Atlantic Seedmen's Association, 298 E. McCormack Ave., State College, PA 16801; (814) 237-0330.

Cultivated Sod Association of New Jersey, c/o Soils & Crops Dept., P.O. Box 231, Cook College, Rutgers University, New Brunswick, NJ 08903; (908) 932-9453.

Manhattan Ryegrass Growers Association, P.O. Box 250, Hubbard, OR 97032; (503) 651-2130.

Oregon Chewings Fescue & Creeping Red Fescue Commission, (Oregon Fine Fescue Commission), 866 Lancaster Dr. SE, Salem, OR 97301; (503) 585-1157.

Oregon Fine Fescue Association, 866 Lancaster Dr. SE, Salem, OR 97301; (503) 585-1157

Oregon Highland Bentgrass Commission, P.O. Box 3366, Salem, OR 97302; (503) 364-3346.

Oregon Ryegrass Growers Seed Commission, P.O. Box 3366, Salem, OR 97302; (503) 364-3346.

Oregon Tall Fescue Commission, 866 Lancaster Dr. SE, Salem, OR 97301; (503) 585-1157.

Penncross Bentgrass Growers Association, P.O. Box 250, Hubbard, OR 97032; (503) 651-2130

Sod Growers Association of Michigan, 50240 Martz Rd., Belleville, MI 48111; (313) 481-1600.

TREES

American Forests, P.O. Box 2000, 1516 P St. NW, Washington, DC 20013; (202) 667-3300.

Council of Tree & Landscape Appraisers, 1250 I Street N.W., Suite 500, Washington, DC 20005; (202) 789-2421.

International Society of Arboriculture, Urbana, IL (217) 328-2032.

International Society of Arboriculture, Western Chapter, 1462 Thurlene Rd., Glendale, CA 91206; (818) 246-5260.

National Arbor Day Foundation, 211 N 12 Suite 501 Lincoln, NE 68508 NE; (402) 474-5655.

National Arborist Association, The Meeting Place Mall, Rt. 101, P.O. Box 1094, Amherst, NH 03031; (603) 673-3311.

New York State Arborists Association, P.O. Box 58, Latham, NY; (518) 783-1322.

Ontario Shade Tree Council, 5 Shoreham Dr., North York, Ontario, CANADA M3N 1S4; (416) 794-0099.

Secrest Arboretum, Ohio Agricultural Research & Development Center, Ohio State University, Wooster, OH 44691; 1680 Madison Ave. (216) 263-3761.

Society of Municipal Arborists, R.R. 3, Box 614, Williston, ND 58801; (701) 572-6368.

TURFGRASS/LAWN CARE

American Council for Turfgrass, Soil & Crop Sciences Center, Texas A&M University, College Station, TX 77843.

Kansas Turfgrass Foundation, Dept. of Horticulture, Kansas State

Delaware Turfgrass Association, University of Delaware, Plant Science Dept., Newark, DE 19711; (302) 831-2535

Georgia Turfgrass Association, 5198 Ross Rd., Acworth, GA 30102; (404) 975-4123.

Georgia Green Industry Association, P.O. Box 369, Epworth, GA 30541; (706) 492-4664

Green Industry Council of Missouri, 16100 Chesterfield Parkway South, Suite 140, Chesterfield, MO 63017; (314) 537-1360

Hawaii Turfgrass Association, c/o Dave Klawitter, P.O. Box 31003, Honolulu, HI 96820; (808) 841-3305.

Kansas Turfgrass Foundation, Dept. of Horticulture, Waters Hall/KSU, Manhattan, KS 66506; (913) 532-6170.

The Lawn Institute, 1509 Johnson Ferry Rd., NE, Suite 190, Marietta, GA 30062; (404) 977-5492.

Louisiana Turfgrass Association; Tom Koske, LSU Cooperative Extension Service, Knapp Hall Louisiana State University, Baton Rouge, LA 70803; (504) 388-4141.

Maine Golf Course Superintendents Association, 170 US Rt. 1, Suite 200; Falmouth, ME 04105; (207) 781-7878.

Maine Turfgrass Association, c/o Kevin Ross, Falmouth C.C. (207) 829-3880.

Maryland Turfgrass Council, Inc., Box 223, White Marsh, MD 21162; (410) 335-3700.

University of Massachusetts Department of Landscape Architecture and Regional Planning, Univ. of Massachusetts, (415) 545-2255.

Massachusetts Turf & Lawn Grass Council, P.O. Box 489, Hadley, MA 01035; (413) 549-5295.

Michigan Turfgrass Foundation, Michigan State University, Crop & Soil Sciences, East Lansing, MI 48824; (517) 355-0266.

Midwest Regional Turf Foundation, Dr. Clark Throssel, Dept. of Agronomy, Purdue University, West Lafayette, IN 47907; (317) 494-4785.

Minnesota Nursery and Landscape Association, Turf and Landscape Committee, 5424 Girard Ave. S, Minneapolis, MN 55419; (612) 220-9390.

Mississippi Turfgrass Association, P.O. Box 5248, Mississippi State, MS 39762; (601) 325-2311.

Musser International Turfgrass Foundation, P.O. Box 124, Sharon Center, OH 44274; (216) 239-2383.

New Jersey Turfgrass Association, Soils & Crops Dept., P.O. Box 231, Cook College, Rutgers University, New Brunswick, NJ 08903; (908) 932-9453.

New York State Turfgrass Association, P.O. Box 612, Latham, NY 12110; (800) 873-8873.

New York Turf & Landscape Association, Inc., P.O. Box 307, Scarsdale, NY 10583; (914) 636-2875.

North Carolina Turfgrass Council, P.O. Box 36160, Raleigh, NC 27606; (919) 851-2901.

North Central Turfgrass Association, P.O. Box 10444, Fargo, ND 58106; (701) 232-0215.

Northern California Turfgrass Council, 425 Oak St., Brentwood, CA 94513.

Northwest Turfgrass Association, P.O. Box 367 Olympia, WA 98507; (206) 754-0825.

Ohio Lawn Care Association, 2999 Silver Dr. Suite 200 Columbus, OH 43224; (614) 261-1221.

Ohio Turfgrass Foundation, 2021 Coffey Rd., Columbus, OH 43210; (614) 292-2601.

Pennsylvania Turfgrass Council, P.O. Box 417, Bellefonte, PA 16823; (814) 355-8010.

Professional Lawn Care Association of America, 1000

Johnson Ferry Rd. N.E., Suite C-135, Marietta, GA 30068-2112; (404) 977-5222.

Rocky Mountain Regional Turfgrass Association, P.O. Box 29 Franktown, CO 80116; (303) 688-2268.

South Carolina Lawn & Turfgrass Association, Clemson University, P.O. Box 325, Clemson, SC 29633.

Southern California Turfgrass Council, 26442 Vera Cruz, Mission Viejo, CA 92691; (714) 951-8547.

Southwest Turfgrass Association, Crop & Soils Dept., New Mexico State University, Las Cruces, NM 88003; (505) 646-3028.

Tennessee Turfgrass Association, c/o Mid-East Power Equipment Co., 533 Hagan St., Nashville, TN 37203; (615)

242-4600.

Texas Turfgrass Association, 1003 Howe, College Station, TX 77845; (409) 693-1656.

Tidewater Turfgrass Association, P.O. Box 2171, Norfolk, VA 23501.

Turfgrass Council of North Carolina, P.O. Box 289, Southern Pines, NC 28388; (919) 695-1333.

Virginia Turfgrass Association, 3646 Greenland Ave. NW, Roanoke, VA 24012; (703) 362-4781.

Virginia Turfgrass Council, P.O. Box 9528, Virginia Beach, VA 23450; (804) 340-3473.

Land Grant Universities: Key Contacts

Alabama: Dr. Coleman Y. Ward, 21 Extension Hall, Auburn University, Auburn, AL 36849; (205) 844-5479

Arizona: Dr. David M. Kopec, Dept. of Plant Science, Forbes Bldg. Room 303, University of Arizona, Tucson, AZ 85721; (602) 621-5323

Arkansas: Dr. John W. King, Agronomy Dept., University of Arkansas, Fayetteville, AR 72701; (501) 575-5723

California: Dr. Victor A. Gibeault, 4146 Batchelor Hall, Plant Sciences Dept., University of California, Riverside, CA 92521; (714) 787-3575

Colorado: Dr. Kenneth Brink, Horticulture Dept., Colorado State University, Ft. Collins, CO 80523; (303) 491-7018; Dr. Tony Koski: (303) 491-7070

Connecticut: Dr. William M. Dest, Plant Science Dept., U-67, 1376 Storrs Rd., W.B. Young Bldg., Room 112, University of Connecticut, Storrs, CT 06269-4067; (203) 486-0189

Florida: Dr. T.L. Freeman, Dept. of Plant Pathology, 2553 Fifield Hall, University of Florida, Gainesville, FL 32611-0513; (904) 392-7231

Georgia: Dr. Gil W. Landry Jr., Extension Agronomy Dept., University of Georgia, Griffin, GA 30223-1797; (404) 228-7300

Hawaii: Dr. Charles L. Murdoch, Horticulture Dept., 3190 Maile Way, University of Hawaii, Honolulu, HI 96822; (808) 948-7958

Idaho: Dr. Robert Triepi, Plant & Soil Sciences Dept., PSES Bldg., University of Idaho, Moscow, ID 83843; (208) 885-6276

Illinois: Dr. Tom W. Fermanian, 1009 Plant Sciences Lab, 1201 S. Dorner Dr., University of Illinois, Urbana, IL 61801; (217) 244-5147

Indiana: Dr. Zachery Reicher, Dept. of Agronomy, Room 2, 446 Lilly Hall, Purdue University, West Lafayette, IN 47907; (317) 494-9737

Iowa: Dr. Michael L. Agnew, Extension Turfgrass Specialist, Horticulture Dept., Iowa State University, Ames, IA 50011; (515) 294-0027

Kansas: Prof. Larry D. Leuthold, Horticulture Dept., Waters Hall, Room 227, Kansas State University, Manhattan, KS 66506-4002; (913) 532-6173

Kentucky: Dr. A.J. Powell Jr., Agronomy Dept., N-122 Agri Science Bldg., University of Kentucky, Lexington, KY 40546-0091; (606) 257-5606

Louisiana: Dr. Dennis Shepard, Horticulture Dept., 137 J.C. Miller Hall, Louisiana State University, Baton Rouge, LA 70803;

(504) 388-2158

Maine: Dr. Vaughn H. Holyoke, Plant & Soil Sciences Dept., 103A Libby Hall, University of Maine, Orono, ME 04469; (207) 581-3240

Maryland: Dr. Tom B. Turner, Dr. Peter Dernoden, Dr. Mark Carroll, Agronomy Dept., 1112 H.J. Patterson Hall, University of Maryland, College Park, MD 20742; Dr. Turner: (301) 405-1338; Dr. Dernoden: (301) 405-1337

Massachusetts: Dr. Rich Cooper, Plant & Soil Science Dept., Stockbridge Hall, University of Massachusetts, Amherst, MA 01003; (413) 545-2353

Michigan: Dr. Paul S. Rieke, Dr. Bruce Branham, Crop & Soil Sciences Dept., Plant & Soil Science Bldg., Michigan State University, East Lansing, MI 48824-1114; (517) 355-0266

Minnesota: Dr. Don B. White, Horticulture Science, University of Minnesota, St. Paul, MN 55108; (612) 624-9206

Mississippi: Dr. Jeff V. Krans, Dr. Michael Goatley, Agronomy Dept., P.O. Box 5248, Mississippi State University, Mississippi State, MS 39762; (601) 325-2311

Missouri: Dr. David H. Minner, Horticulture Dept., 1-40 Agriculture Bldg., University of Missouri, Columbia, MO 65211; (314) 882-7511.

Nebraska: Dr. Terry Riordan, Horticulture Dept., 377 Plant Science Bldg., University of Nebraska, Lincoln, NE 68583-0724; (402) 472-2854

New Hampshire: Dr. John M. Roberts, Plant Biology Dept., Nesmith Hall, University of New Hampshire, Durham, NH 03824-3597; (603) 862-3202

New Jersey: Dr. C. Reed Funk, Crops Science Dept., Box 231, Rutgers University, Cook College, New Brunswick, NJ 08903; (908) 932-9771

New Mexico: (no specialist on staff) Crop & Soil Science Dept., Box 3Q, New Mexico State University, Las Cruces, NM 88003; (505) 646-3405

New York: Dr. Norman H. Hummel Jr., Dr. Martin Petrovic, Dr. Joseph Neal, Floriculture & Ornamental Hort Dept., 17 Plant Science Dept., Cornell University, Ithaca, NY 14853; (607) 256-1625

North Carolina: Dr. Arthur H. Bruneau, Crop Science Dept., P.O. Box 7620, North Carolina State University, Raleigh, NC 27695; (919) 515-5854; Dr. W.M. Lewis: (919) 515-5639

Ohio: Dr. John R. Street, Agronomy Dept., 2021 Coffey Rd., Ohio State University, Columbus, OH 43210; (614) 292-2047

Oklahoma: Dr. Dennis Martin, Dr. Joel Barber, Dept. of Horticulture, 360 Agricultural Hall, Oklahoma State University, Stillwater, OK 74078; (405) 744-5414

Oregon: Dr. Thomas W. Cook, Dept. of Horticulture, Cordley Hall Room 2042, Oregon State University, Corvallis, OR 97331; (503) 737-3695

Pennsylvania: Dr. Pete Landschoot, Agronomy Dept., 116 ASI Bldg., Pennsylvania State University, University Park, PA 16802; (814) 863-1017

Rhode Island: Dr. C. Richard Skogley, Dr. Brigit Ruemmele, Dr. Richard J. Hull, Dr. Michael Sullivan, Dr. Thomas Duff, Dr. Steven Alm, Dr. Richard Casagrande, Plant Science Dept., Woodward Hall, University of Rhode Island, Kingston, RI 02881; (401) 792-2791

South Carolina: Dr. Landon C. Miller, Horticulture Dept., Room E-142, P & A Bldg., Clemson University, Clemson, SC 29634; (803) 656-3403

Tennessee: Dr. Thomas Samples, Ornamental Hort & Land Design Dept., P.O. Box 1071, University of Tennessee, Knoxville, TN 37901-1071; (615) 974-7324

Texas: Dr. William E. Knoop, Texas Ag Extension Service, 17360 Coit Rd., Dallas, TX 75252-6599; (214) 231-5362 Dr. Richard L. Duble, Soil & Crop Sciences Dept., Texas A&M University, College Station, TX 77843-2474; (409) 845-3041

Vermont: Dr. Norman Pellett, Plant & Soil Science Dept., Hills Bldg., University of Vermont, Burlington, VT 05405; (802) 656-2630

Virginia: Dr. David R. Chalmers, Dr. John R. Hall III, Dr. Richard Schmidt, Smyth Hall, Virginia Polytech & State University, Blacksburg, VA 24061; (703) 231-6305

Washington: Dr. William J. Johnston, Crop & Soil Sciences Dept., Johnson Hall, Room 201 Washington State University, Pullman, WA 99164-6420; (509) 335-3620; (509) 335-3475

Wisconsin: Dr. Frank Rossi, Horticulture Dept., University of Wisconsin, Madison, WI 53706; (608) 262-1490

Canada: Ms. Pam Charbonneau, Horticulture Science Dept., Ontario Ministry of Agriculture, University of Guelph, Guelph, Ontario, CANADA N1G 2W1; (519) 824-4120, ext. 2597

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Meeting Dates through 1992

September

Sept. 8-10: Sports and Leisure World Trade Exhibition, East of England Showground, Peterboro, Eng. Contact: (+44) 908-312511.

Sept. 11-12: Southwest Horticultural Trade Show, Phoenix (Ariz.) Civic Plaza. Contact: (602) 966-1610.

Sept. 11-13: Florida Nursery & Allied Trades Show, Orange County Convention Center, Orlando. Contact: (407) 345-8137.

Sept. 15-16: California Turfgrass Research Conference and Field Day, Univ. Calif. at Riverside. Contact: (714) 787-3331.

Sept. 15-16: National Golf Course Owners Association seminar "Staying on Top," Myrtle Beach (S.C.) Martinique Resort & Conference Center. Contact: (800) 933-4262.

Sept. 15-18: Virginia Tech Turf and Landscape Field Days, Virginia Tech, Blacksburg. Contact: (703) 231-9736.

Sept. 18-19: AABGA Intermountain Regional Annual Conference, Albuquerque, N.M. Contact: (505) 768-3550 or (505) 982-8399.

Sept. 20-23: Florida Turfgrass Association conference and trade show, Prime F. Osborn Convention Center, Jacksonville. Contact: (800) 882-6712.

Sept. 20-23: Society of Municipal Arborists annual meeting and trade show, Ramkota Inn, Aberdeen, S.D. Contact: (605) 622-7015.

Sept. 20-25: "Basics of Arboriculture and Urban Forestry," Steinhart Lodge, Nebraska City, Neb. Contact: (402) 474-5655.

Sept. 21-24: Northwest Turfgrass Conference and Exhibition, Sunriver (Ore.) Resort and Lodge. Contact: (206) 754-0825.

Sept. 22-25: International Plant Propagators Society Western Region annual meeting, Radisson Hotel, Sacramento, Calif. Contact: (916) 922-2020.

Sept. 24-27: International Trade Fair for Horticulture, Frankfurt, Germany. Contact: (+49) 69-7575-6477.

Sept. 27-Oct. 2: "Advanced Urban Forestry: Creating Excellence," Steinhart Lodge, Nebraska City, Neb. Contact: (402) 474-5655.

Sept. 29: Target Specialty Products' annual fall seminar and exhibit, Harbortown Marina Resort, Ventura, Calif. Contact: (800) 352-3870.

Sept. 29-Oct. 1: Pacific Equipment & Technology Expo, Costa Mesa, Calif. Contact: (800) 525-7383.

Sept. 30-Oct. 2: International Society of Arboriculture Northwest Chapter annual meeting, Red Lion Inn, Lloyd Center, Portland, Ore. Contact: (503) 373-7854.

October

Oct. 1: Target Specialty Products' annual fall seminar and exhibit, San Diego (Calif.) Convention Center. Contact: (800) 237-5233.

Oct. 2, Landscape Ornamentals Research Field Day, Central Florida Research & Education Center, Sanford. Contact: (407) 323-2500, ext. 5559.

Oct. 5-7: Beginning in the Nursery Business, Virginia Tech, Blacksburg, Va. Contact: (703) 231-5445.

Oct. 6: Target Specialty Products' annual fall seminar and exhibit, Radisson Hotel, Sacramento, Calif. Contact: (800) 767-0719.

Oct. 7-8: Southern California Turfgrass Expo, Orange County Fairgrounds. Contact: (714) 951-8547.

Oct. 7-9: Southwest Turfgrass Association Annual Conference, Las Cruces (N.M.) Hilton. Contact: (505) 275-2576.

Oct. 8-10: American Society of Consulting Arborists annual meeting, Biltmore Estate, Asheville, N.C. Contact: (303) 466-2722.

Oct. 9: Target Specialty Products' annual fall seminar and exhibit, Red Lion Hotel, Ontario, Calif. Contact: (800) 352-3870.

Oct. 12-14: Production of Field Grown Nursery Stock, Virginia Tech, Blacksburg, Va. Contact: (703) 231-5445.

Oct. 19-20: Pacific Horticultural Trade Show, Los Angeles (Calif.) Convention Center. Contact: (916) 567-0200.

Oct. 21-23: Golf Summit, Marriott Orlando (Fla.) World Center. Contact: (407) 744-6006.

Oct. 21-24: Atlantic Seedsmen's Association Convention, Charleston, S.C. Contact: (814) 237-0330.

Oct. 22-23: Xeriscape '92, San Diego (Calif.) Convention Center. Contact: (619) 443-1756.

Oct. 22-24: International Society of Arboriculture Rocky Mountain Chapter annual meeting, Town House Inn, Great Falls, Mont. Contact: (406) 721-7275.

Oct. 23-25: New Jersey Tree Expo, Sheraton Poste Inn, Cherry Hill. Contact: (908) 246-3210.

Oct. 26-28: Production of Perennials and Annuals, Days Inn, Waynesboro, Va. Contact: (703) 231-5445.

Oct. 30-31: Texas Association of Landscape Contractors annual conference and exposition, Infomart/Loews Anatole Hotel, Dallas. Contact: (214) 241-1399.

Nov. - Dec.

Nov. 1: Southwest Outdoor Power Equipment Show, Arlington (Tex.) Convention Center. Contact: (512) 443-7999.

Nov. 1-4: International Irrigation Exposition, New Orleans, La. Contact: (703) 524-1200.

Nov. 1-5 or 11-15: New Tree Biology Seminars, Appalachian State University, Boone, N.C. Contact: (704) 262-3045.

Nov. 3: Florida Chapter, Sports Turf Managers Association meeting, Pompano Stadium. Contact: (305) 938-7477 or (305) 938-0217.

Nov. 8-10: Georgia Golf Course Superintendents Association annual meeting, King & Prince Hotel, St. Simons Island. Contact: (404) 769-4076.

Nov. 8-11: National Institute on Park and Grounds Management annual educational conference, Richmond, Va. Contact: (414) 733-2301.

Nov. 10-13: New York State Turfgrass Association conference and trade show, Rochester Riverside Convention Center. Contact: (518) 783-1229.

Nov. 15-17: Golf Range and Alternative Facilities Development Conference, Newport Beach (Calif.) Marriott Hotel. Contact: (407) 744-6006.

Nov. 15-19: Professional Grounds Management Society annual conference, Indiana Convention Center, Indianapolis. Contact: (410) 667-1833.

Nov. 15-19: Landscape and Grounds Maintenance Conference, Indiana Convention Center, Indianapolis. Contact: (703) 241-4004.

Nov. 16-19: Professional Lawn Care Association of America annual convention, Indiana Convention Center, Indianapolis. Contact: (404) 977-5222.

Nov. 16-19: Green Industry Expo, Indiana Convention Center, Indianapolis. Contact: (404) 973-2019.

Nov. 19-21: Tree Care Industry Expo '92, Baltimore (Md.) Convention Center. Contact: (800) 733-2622.

Nov. 30-Dec. 4: International Plant Propagators Society Eastern Region annual meeting, St. Louis (Mo.) Marriott Pavilion Downtown. Contact: (703) 231-5609.

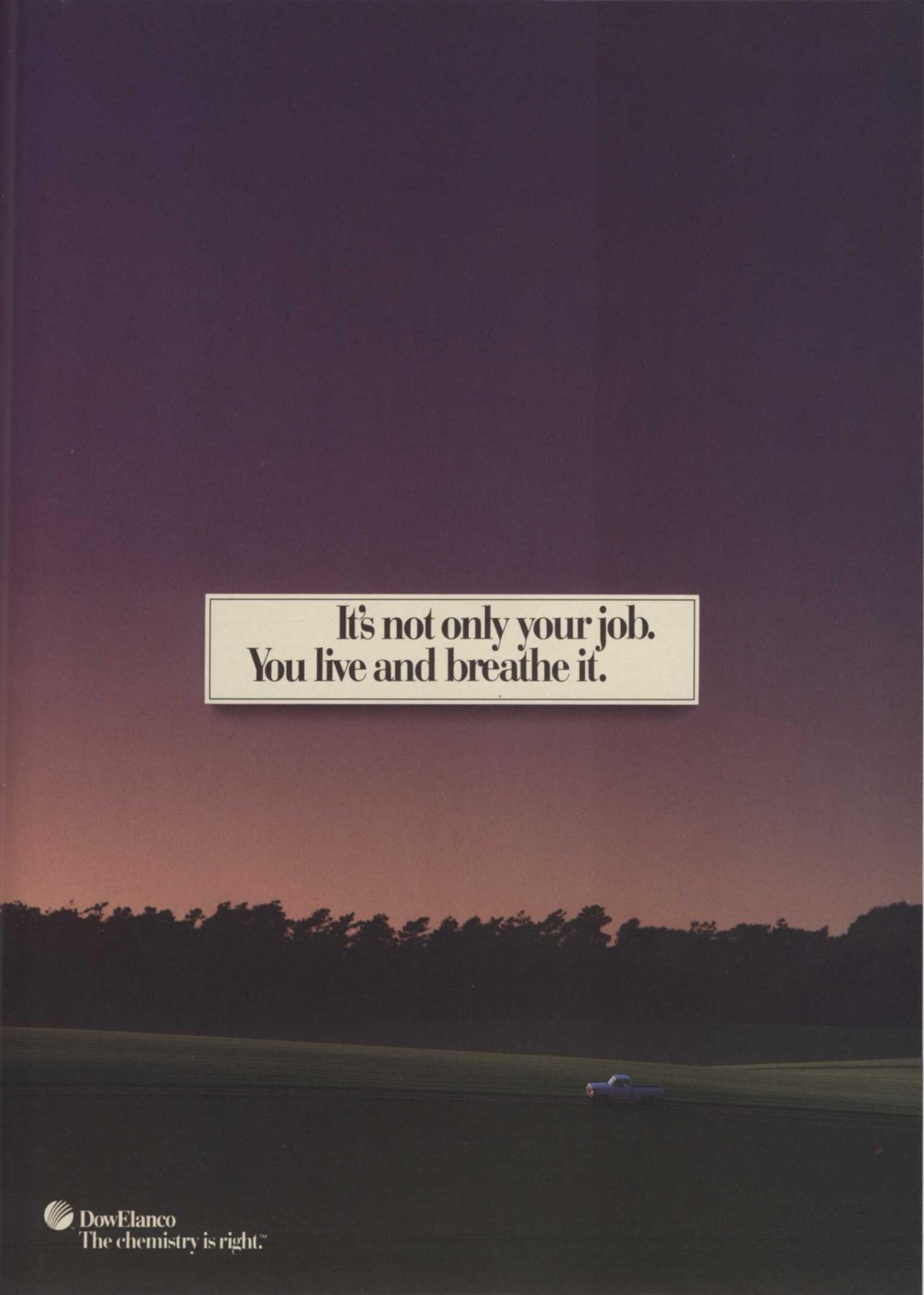
Dec. 1-3: Agricultural Retailers Association Convention, Cincinnati (Ohio) Convention Center. Contact: (314) 256-4900.

Dec. 2-3: Pacific Coast Turf and Landscape Conference & Tradeshow, Washington State Convention Center, Seattle. Contact: (206) 292-9198.

Dec. 2-4: Rocky Mountain Turf Conference and Trade Show, Currikan Hall, Denver, Colo. Contact: (303) 688-3440.

Dec. 7-10: Ohio Turfgrass Conference and Show, Cincinnati Convention-Exposition Center. Contact: (614) 292-2601.

Dec. 15-16: Turfgrass and Ornamental Pest Control Workshop, Marion County Extension Office, Indianapolis, Ind. Contact: (317) 846-7020.



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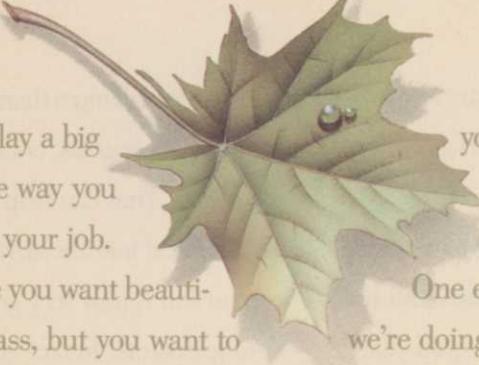
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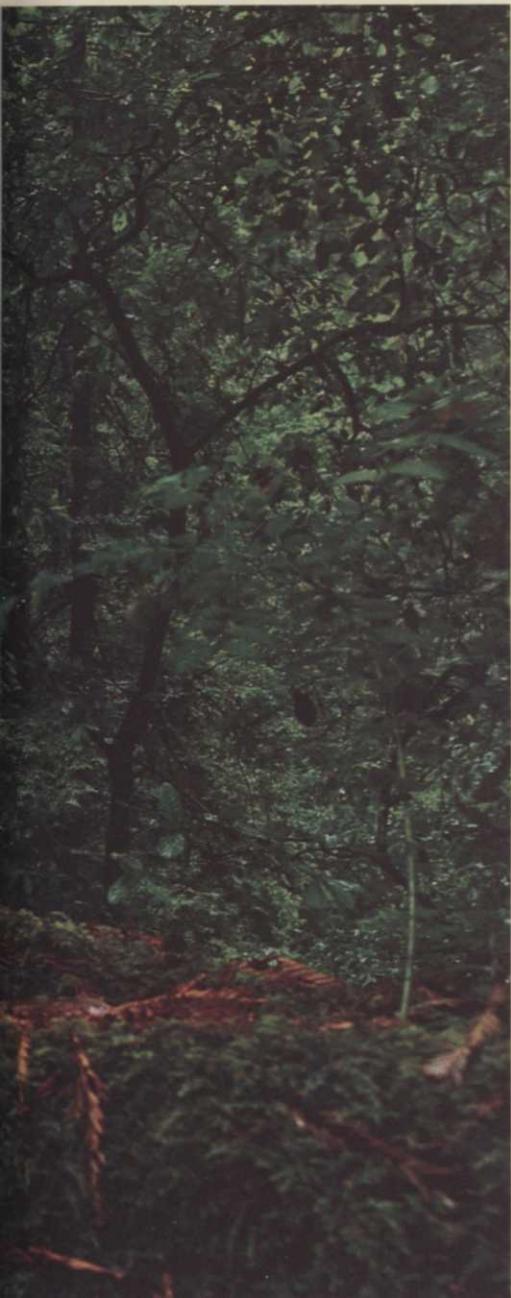
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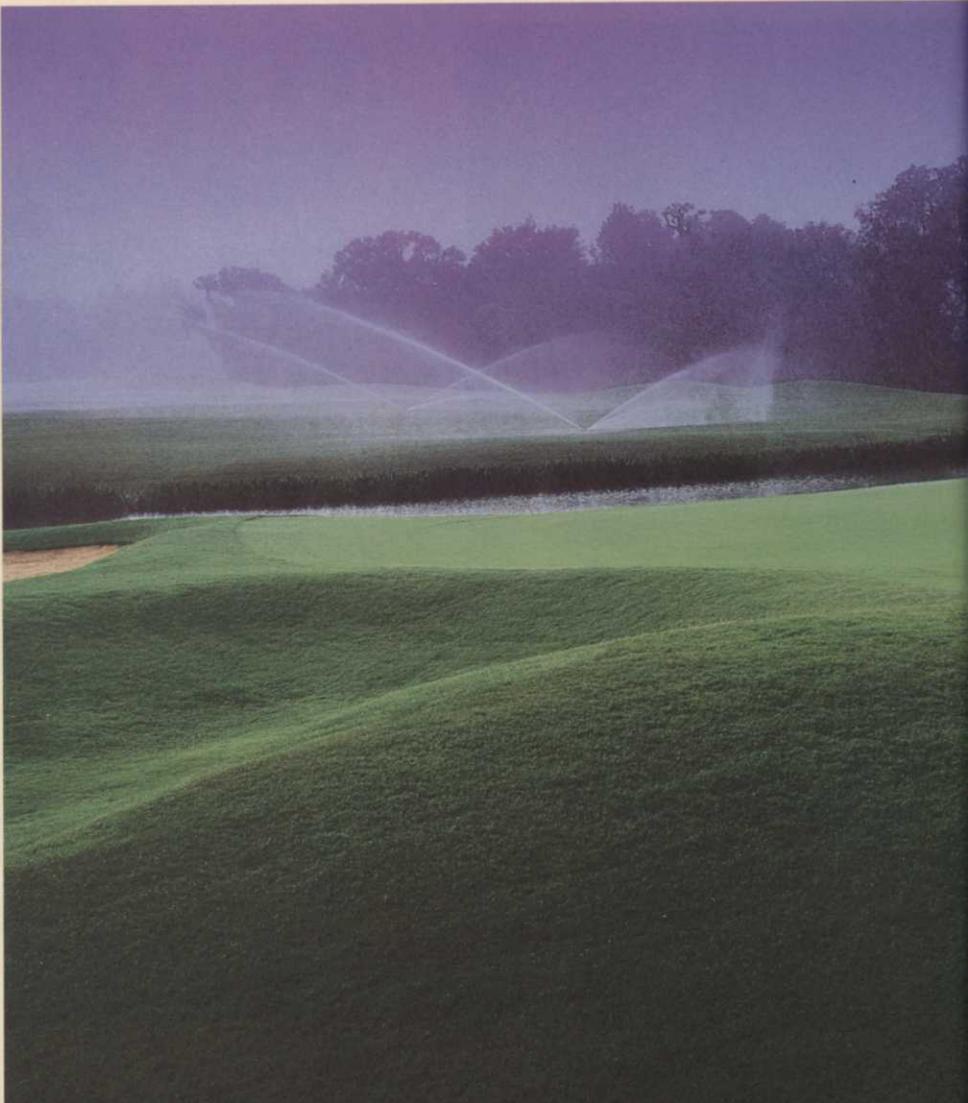
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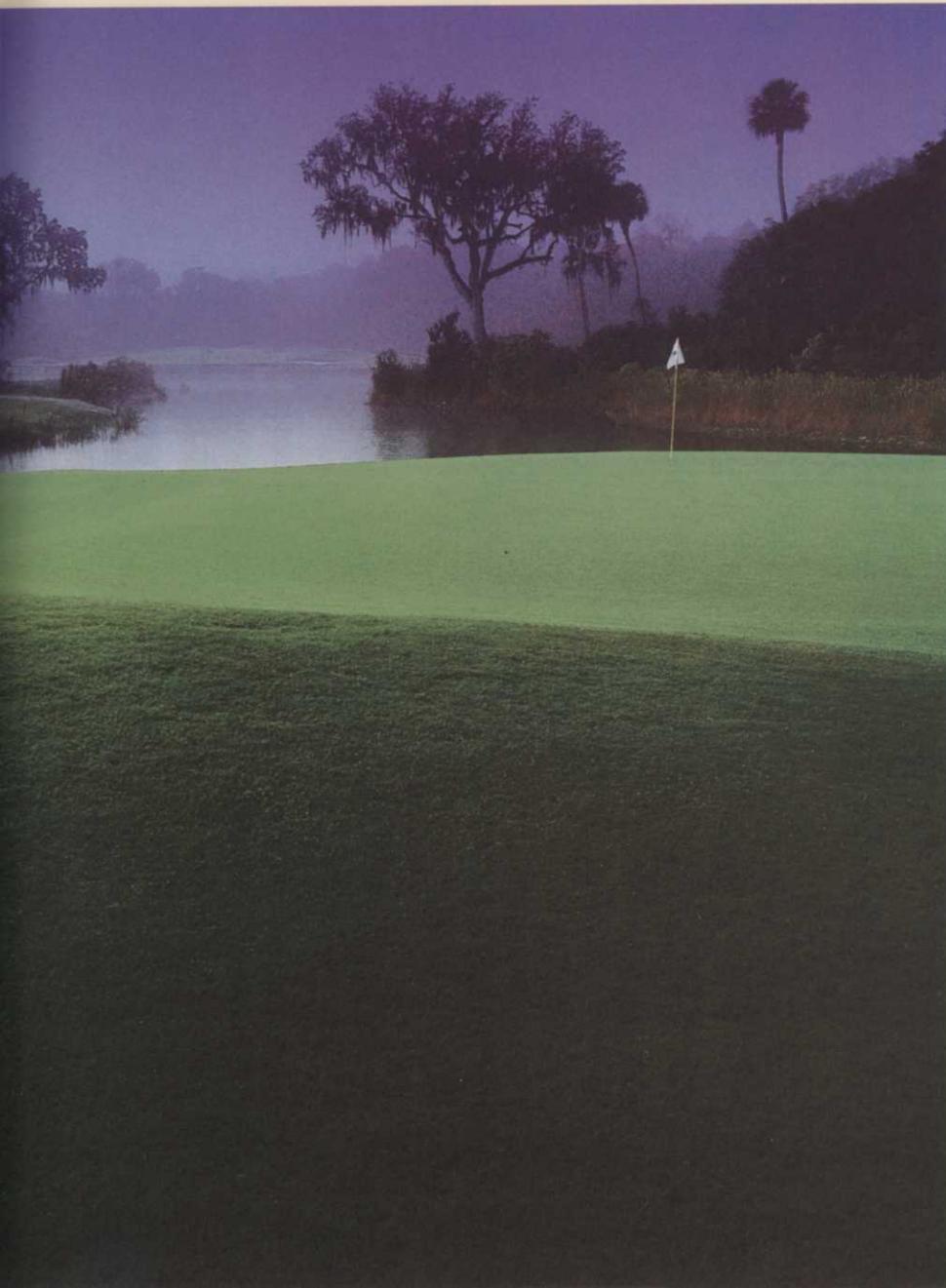
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If applying herbicide is something you'd like to do less often, we have good news for you. We can show you how to make fewer herbicide applications and get weed



grass. And it's available on fertilizer or in a granular form for accurate application.

Of course, a herbicide that lasts all season won't

Pest Management can tell you

more. It contains information you can use to control weeds, insects and turf dis-

Choose the length of control best for you.

eases more efficiently. For a free

The herbicides not applying herbicides

control that's as good or better than you're getting now.

Let's start with broadleaf weeds. It usually takes up to five herbicide applications a season to control them. But by using Gallery® herbicide (straight or on fertilizer), you can do it with one. It doesn't take much, either. Just 1/3 ounce per 1000 square feet.

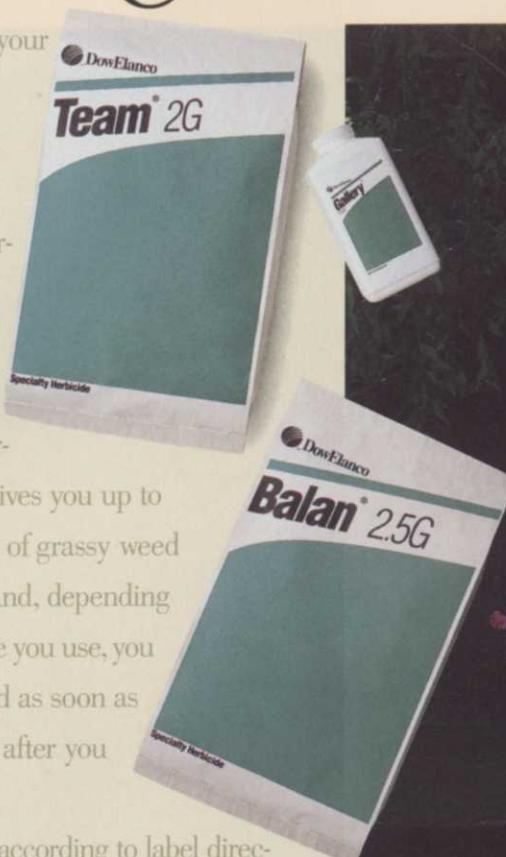
always fit your schedule.

That's the time for Balan® herbicide. Available straight

and on fertilizer, it gives you up to ten weeks of grassy weed control. And, depending on the rate you use, you can reseed as soon as six weeks after you apply it.

Used according to label directions, Gallery, Team and Balan are gentle on all major turfgrass species. University studies show they don't harm root systems. And they won't leach into groundwater or harm nearby ornamentals and trees.

Our 44-page book, The Turf Manager's Guide To Responsible



A Story Straight From Crooked Stick.

By switching to Gallery the superintendent at Crooked Stick Golf Club in Carmel, Indiana, reduced herbicide applications on his fairways from five a year to one. The notoriously picky PGA officials who inspected those fairways for the 1991 PGA Championship raved

 about their outstanding condition.

Okay, now for grassy weeds. A single application of Team® herbicide gives you sixteen weeks of broad-spectrum control. It's very effective on crabgrass and goose-

 **DowElanco**



Goosegrass

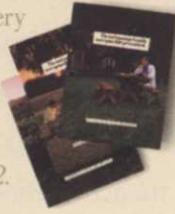


Crabgrass

copy return the coupon, or call our toll-free number. And start saving some wear and tear on your herbicide applicator.

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 Landscape and Nursery

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Cedar Rapids, IA 52406.
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09

S for people interested in S.



Nothing controls weeds in turfgrass better than turfgrass itself. That's because thick, healthy turfgrass doesn't give weeds any room to grow.

from insects and disease, you'll need less insecticide and fungicide. All of which means Cutless

can reduce your overall chemical use. Cutless also reduces water use by up to 30 percent.

Makes turfgrass more drought-

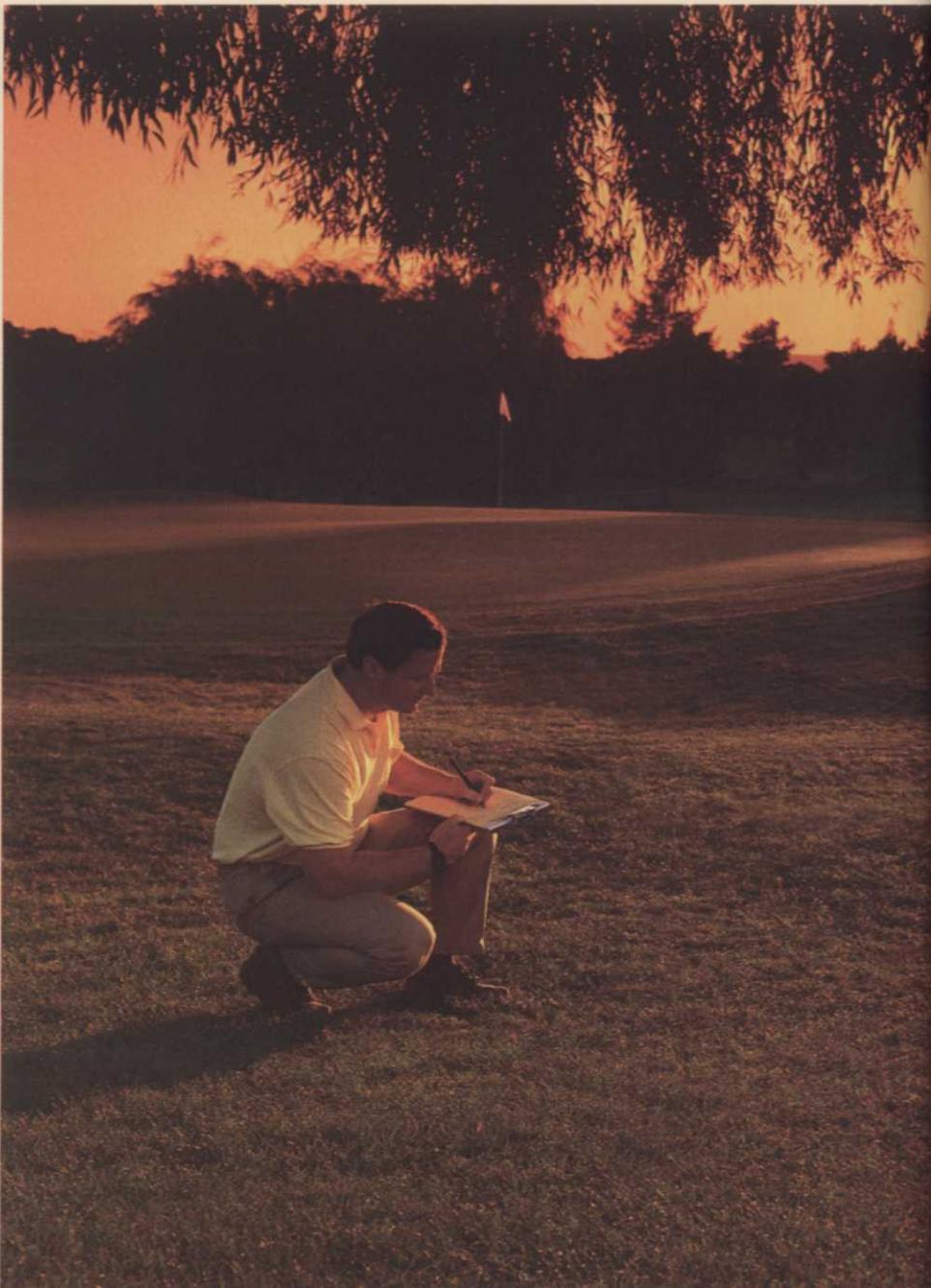
to live with a few Why live with a few less che

So, if you make your turfgrass thicker and healthier, you won't need as much herbicide.

One good way to do it is by adding Cutless® turf growth regulator to your maintenance program. Cutless makes turf thicker and more competitive by slowing its growth while encouraging more tillers and stolons. It also inhibits weed growth. This results in a gradual crowding out

of weeds.

And because your thicker, healthier turf will be more resistant to damage



tolerant. Reduces mowing by about a third. Cuts clip-pings by about two thirds. And makes



greens faster and fairways more playable.

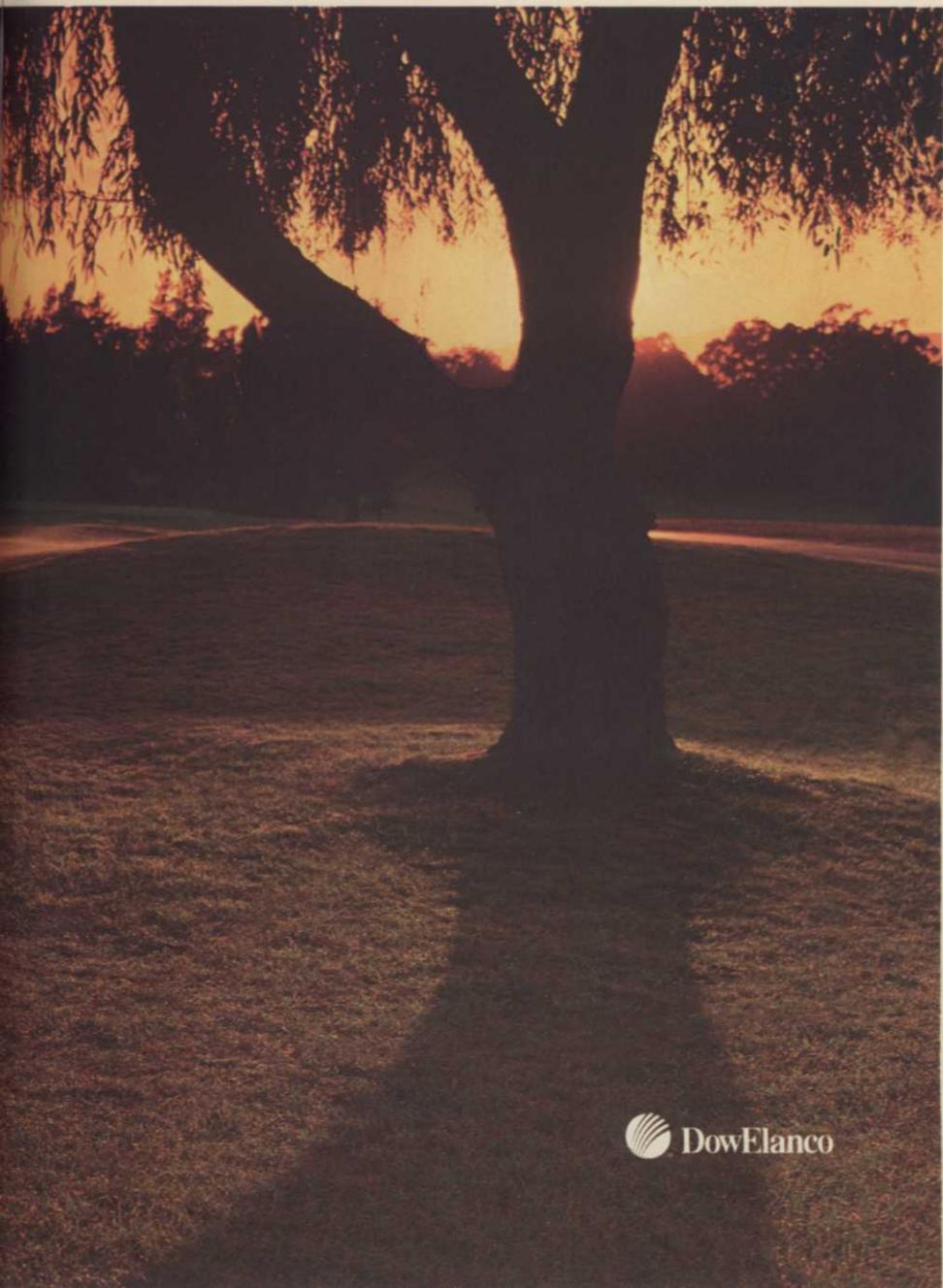
Plus, Cutless can help you gradually convert *Poa*

80 percent *Poa* on his fairways to 90 percent bentgrass over a five-year period.

There are many things you can do to grow thicker, healthier

Why more weeds in order of chemicals?

annua to more desirable turf-grass species. It helped one golf course superintendent go from



turf. They're explained in our 44-page book, The Turf Manager's

Guide To

Responsible

Pest Manage-

ment. It'll also

show you better

ways to control insects and turf diseases. For a free copy return the coupon, or call our toll-free number.

Because a thick blanket of turf

doesn't need a thick blanket of chemicals.

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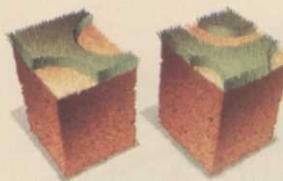
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We're talking about a control program that's very hard on fungus, yet very easy on your turf grass. Some things you can do to reduce turf stress, use less

fungicide and still get excellent control.

It starts with cultural practices. Like replanting disease-prone areas with resistant cultivars. Careful water-



Rubigan has broad spectrum control that makes diagnosis less critical.

ing. Providing adequate fertilizer. And removing thatch. They'll make your turf less susceptible to disease, which means you can use less fungicide to protect it.

Just imagine. A stranglehold on fungus.



Knowing when to use a fungicide is important, too. By watching for conditions in which turf diseases thrive (weather patterns and soil temperature provide some very



Fungus attacks plants from within. The results can be devastating.

And, of course, it helps to choose your fungicide carefully. Gentle, long-lasting Rubigan® fungicide is a very good choice. It controls 14 diseases, includ-

also contains complete information on tactics you can use to control weeds and insects more responsibly. For a free copy just return the coupon below, or call our toll free telephone number. And learn

kinder; gentler way to get

S.
reliable signs), you can put down fungicide with perfect timing, and make fewer applications.



ing Bermudagrass decline, dollar spot and powdery mildew. It's very easy on your turf. And it lasts longer than other fungicides, which means you don't have to apply it as often.

some very nice alternatives to applying a lot of fungicide.

Rubigan and Broadway last longer than other fungicides, so you don't have to apply them as often.



Poa annua control that doubles as fungus control.

Applied in the fall, Rubigan delivers 75 to 95 percent *Poa annua* control in overseeded areas such as greens, tees, collars, slopes and approaches (we explain how in the book offered below). At the same time, Rubigan protects your turf from fungus. Which means you can handle two jobs with the same pesticide application.



Poa annua

For brown patch, you can use Broadway® fungicide. Its two modes of action provide excellent brown patch control. It also controls a dozen other turf diseases. It's easy on your turf. And its long-lasting action means fewer applications.

Of course, there's a lot more to fungus control than what fits in this ad. You'll find it in our 44-page book, The Turf Manager's Guide To Responsible Pest Management. It

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What you're looking at is a way to go an entire season on a single herbicide application—a control zone in the top inch of soil that keeps weeds from

one application gives you up to eight full months of control. If you like what



Surflan does, but prefer a granular form, you can use XL® herbicide: It

our 40-page book, The Nursery And Landscape Guide To Responsible Pest Management. It also contains information on better ways to con-

Actually, the most important part of this picture is contained in the title.

germinating all season long. It can greatly reduce your use of post-emergence herbicides and hand-weeding in your ornamentals.

contains the same active ingredient as Surflan. Apply it in the spring, and you'll get a full season of broad-spectrum grassy weed

How To Make Your First Roundup Your Last Roundup.

Here's a way to make your first application of Roundup herbicide last all season. Mix 3 oz. of Surflan per 1000 square feet with $\frac{3}{4}$ oz. of Roundup per gallon of water and apply when weeds are less than 6" tall. Roundup will knock the weeds down, and Surflan will keep them from coming back for the rest of the season.

We have three different pre-emergence herbicides that make this possible. All of them are very gentle on your plants. And they bind tightly to soil particles, which makes them very resistant to leaching.



Our preemergence herbicides set up a gentle control zone that keeps weeds from germinating all season.

control.

And for woody ornamentals, you can use Snapshot® herbicide.



It controls both grassy and broadleaf weeds. A single application lasts up to eight months. And it's available as a sprayable or in a granular form.

We can show you lots of ways to control weeds more safely and effectively. They're explained in

bicide. Surflan is, in fact, so gentle that you can spray it directly over the top of delicate ornamentals. Yet



trol insects and diseases.
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coupon, or call our toll-free number.
Because you don't need a lot of her-
bicide to get beautiful results.



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Most beautiful thing about growing in the top 1" of soil.



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You might think using less insecticide means you'll have to put up with more insects. But that's not necessarily the case. Because *how* you use your insecticide is as important as *how much* you use. With

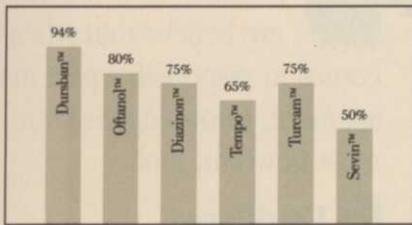
the right tactics, you can use a lot less and still get excellent results.

Here's an example. Mixing insecticide with insecticidal soap can reduce the amount of insecticide you need on your ornamentals by

about 50 percent. Soap controls most soft-bodied insects and mites. By adding insecticide, you'll also take care of tougher insects, like scales and worms. University studies suggest you may get better control

A few ways to balance with your love for the environment





Studies show that Dursban delivers better chinch bug control at lower rates than other insecticides.

than you get with insecticide alone.

Knowing exactly when to apply insecticide helps, too. One way to monitor mole crickets, chinch bugs, webworms and cutworms is by mixing 1½ oz. of dish soap in two

gives you so much control at such a low rate. Dursban also controls fire ants. It's available in water-soluble packets. And it can be bio-monitored, which can reduce the likelihood of over-exposure.



Once your hate for insects ironiment.



gallons of water and sprinkling it on a four-foot area of turf. If eggs have

hatched, this soapy mixture will flush insects to the surface, and you can apply insecticide



Mole Crickets Getting Under Your Skin?

University studies show that Pageant DF* insecticide (which contains the same active ingredient as Dursban) provides excellent mole cricket control. Apply two weeks after egg hatch and irrigate turf 24 hours before and after application. This moves mole crickets near the soil surface and washes Pageant into the zone of insect activity.



Mole Cricket

accordingly.

Your insecticide itself can also make a difference. After all, different insecticides work at different rates. Which is why Dursban® insecticide could be your best choice.

Just one pound active ingredient per acre controls a host of problem insects. No other insecticide

Now, we realize you probably have some questions. That's why we created The Turf Manager's Guide To Responsible Pest Management.

It's 44 pages packed with comprehensive information on the latest techniques for controlling insects, weeds and

turf diseases. For a free copy return the coupon, or call our toll-free telephone number. Because when you apply a little knowledge, you don't need to apply as much insecticide.

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Dursban is available in liquid, dry flowable, granular and fertilizer formulations. *Trademark of DowElanco.
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What you've read on the preceding pages only begins to outline a responsible pest management program.

You'll find a lot more in our guides to responsible pest management (see

coupon on previous page), and in the literature listed below.

If you have questions on our products, call one of our technical specialists at 1-800-352-6776. We'll be happy to help you out.



Because at DowElanco, we believe that when it comes to responsible pest management, knowledge is your most powerful tool.

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If we've piqued your interest, keep reading.

The literature below is some of the best information you can get on responsible pest management. Check your state university or write the publisher to find out where it's available.

SUGGESTED READINGS:

- Insects That Feed on Trees and Shrubs

Cornell University Press
124 Roberts Pl.
P.O. Box 250
Ithaca, NY 14851
607/257-7000

Orders to:
P.O. Box 6525
Ithaca, NY 14851
800-666-2211

- Lawn Care:
A Handbook for Professionals
- Turfgrass Management

Prentice-Hall, Inc.
15 Columbus Circle
New York, NY 10023
800-922-0579

- Diseases and Pests of Ornamental Plants
- Introduction to Insect Pest Management

John Wiley & Sons, Inc.
605 Third Ave.
New York, NY 10158-0012
212/850-6000

Orders to:
Eastern Distribution Ctr.
1 Wiley Drive
Somerset, NJ 08873-1272
908/469-4400

- Complete Guide to Pest Control With and Without Chemicals

Thomson Publications
P.O. Box 9335
Fresno, CA 93791
209/435-2163

- Turf Management for Golf Courses

Macmillan Publishing Company Inc.
866 Third Ave
New York, NY 10022
800-257-5755

Orders to:
Front & Brown Sts.
Riverside, NJ 08075
609/461-6500

- Compendium of Turfgrass Diseases

American Phytopathology Society
3340 Pilot Knob Rd.
Saint Paul, MN
55121-2097
612/454-7250
800-328-7560

- Ornamental Insects:
Recommendations for Managing Insects on Shade Trees and Shrubs

Purdue University
West Lafayette, IN 47907
317/494-6794

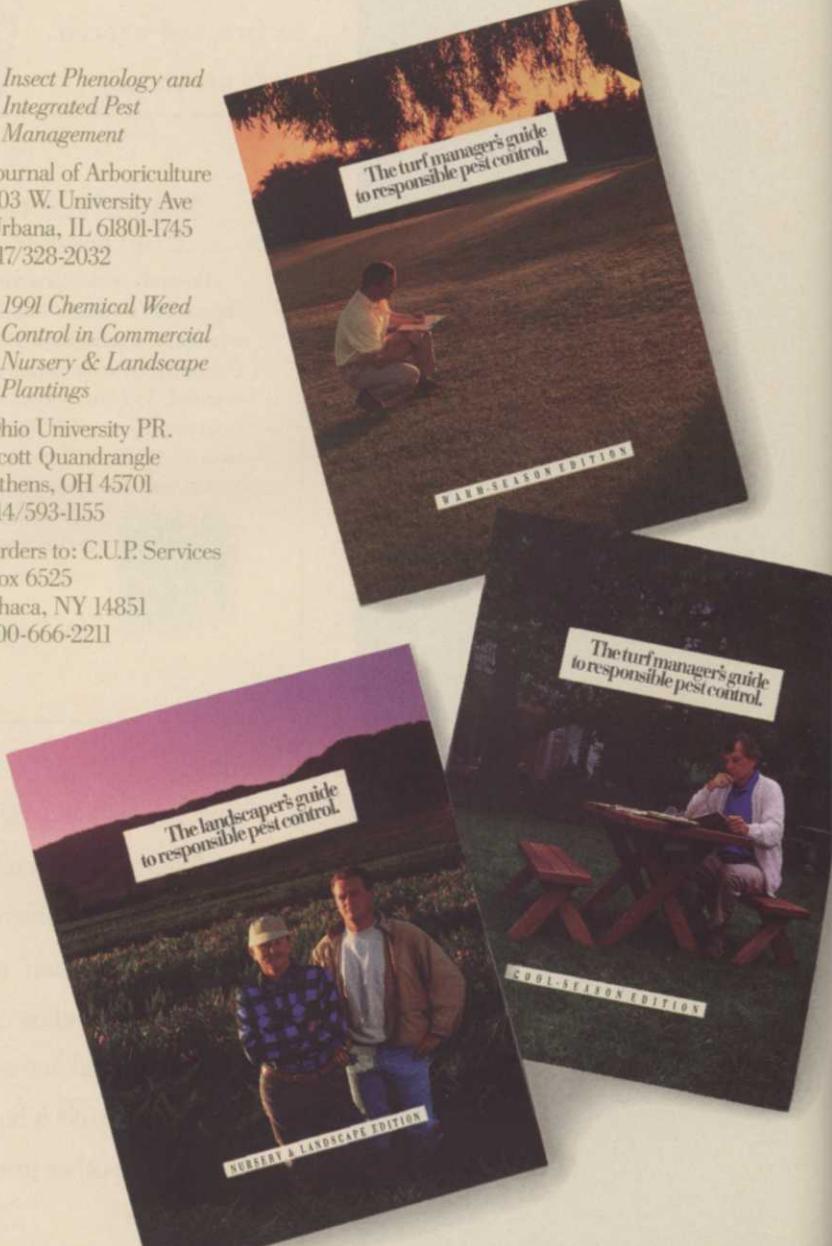
- Insect Phenology and Integrated Pest Management

Journal of Arboriculture
303 W. University Ave
Urbana, IL 61801-1745
217/328-2032

- 1991 Chemical Weed Control in Commercial Nursery & Landscape Plantings

Ohio University PR.
Scott Quandrangle
Athens, OH 45701
614/593-1155

Orders to: C.U.P. Services
Box 6525
Ithaca, NY 14851
800-666-2211



Order Your Free Pest Management Guide Today.

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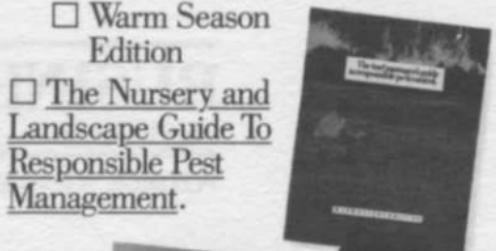
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The Turf Manager's Guide To Responsible Pest Management.

Cool Season Edition

Warm Season Edition

The Nursery and Landscape Guide To Responsible Pest Management.



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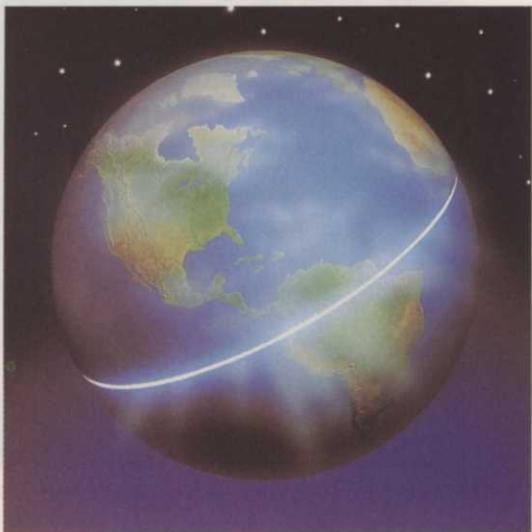
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Kubota has introduced a complete new mowing system, the FZ2100 Front Mower. From "A"—Auto Assist Differential (AAD) to "Z"—Zero Diameter Turning Radius (ZDT), it increases your power and mobility to handle all your mowing needs.

Equipped with 20 horsepower and four-wheel drive, the new FZ2100 Front Mower's zero diameter turning radius gives you the agility and power to get into the tightest spaces effectively. You can mow around trees, hedges, flower beds and other obstacles much more precisely and in less time. And, with the Auto Assist Differential drive system the machine automatically switches between 2WD and 4WD to match operating conditions and terrain, providing more traction and eliminating slippage. This increased productivity in all mowing conditions, and the FZ2100's ability to turn com-



Kubota's FZ2100 with Auto Assist Differential and Zero Diameter Turning Radius.

pletely around in one spot without damage to the turf, cuts way down the time spent on labor-intensive hand trimming jobs.

The FZ2100's front wheels rotate freely through your tightest turns, and Kubota

has designed round shoulder tires that virtually eliminate turf damage. And, the FZ2100 offers all the durability and innovation commercial operators have come to expect from Kubota. Like our powerful Kubota liquid-cooled diesel engine, hydrostatic transmission, 55 degree tilt deck for easy access and blade maintenance and optional grass catcher.

Your authorized Kubota dealer can show you the complete commercial mowing system with the power and maneuverability to handle your tough jobs from A to Z. For more information write to:

Kubota Tractor Corporation
P.O. Box 7020-Z
Compton, CA 90224-7020.



Kubota

LANDSCAPE MANAGEMENT

INCORPORATING LAWN CARE INDUSTRY

1993 Buyer's Guide

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1. Equipment

Aerators, Aquatic

Airlake Aeration Inc
Air-O-Lator Corp
AquaScape Technologies
Deere & Co
FRAMCO Aeration & Mixing Co
Greenscape Pump Services Inc
LESCO Inc
Otterbine Inc



RainJet Fountains
Rockwell Consolidated Industries Inc

Aerators, Soil

Aer-Way
Ansan Industries Ltd
Beacon Sports Products
BlueBird International Inc
Bunton Co
Carswell Distributing Co
Comet Industries Div Hoffco
CTL Corp

Cushman Inc
Dedoes Industries
Dedoes Industries Inc
Encore Mfg Co
Feldmann Engineering & Mfg Co
Floyd & McKay Aerofier Co
Fuerst Brothers Inc
Gandy Co
Gill Industries LP
GreenCare Intl
Grow Gun Corp
Hahn Inc
Hendrix & Dail Inc
Jacobsen Textron
F D Kees Mfg Co
Landscapers Supply Corp
Lawns By Murphy
Lely Pacific Inc
LESCO Inc
Millcreek Mfg
Northeastern Assoc
Parker Sweeper Co
Precision Products Inc
Snapper Power Equipment
Steiner Turf Equipment Inc
Terracare Products Co
Toro Co Commercial Products Div
Verti-Drain/Emrex Inc
Westmac Aerators Lawns Masters Inc
Wikco Industries Inc
Worksaver Inc
Yeager-Twose Equipment Div

Aerial Lifts

Hi-Ranger Inc
Reach All
Waldon Inc

Anchors, Earth

Foresight Products
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Landscapers Supply Corp
Northeastern Assoc
Teufel Nursery Inc

Aquatic Weed Harvesters

Air-Lec Industries Inc

Augers

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ELE International Inc Soilstest Products Div
Feldmann Engineering & Mfg Co
Forestry Suppliers Inc
Grow Gun Corp
Hoffco Inc
Johnson's Industrial Supply Co
Little Beaver Inc
Lowe Mfg Co
McMilen Div
Melroe Co/Bobcat Unit of Clark Equipment Co
Northeastern Assoc
Reach All
Redmax
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Sweeper Inc
Ty-Crop Turf Equipment Inc
Vermeer Mfg Co

Back Hoes

American Trencher Inc/Bradco
J I Case Outdoor Power Equip Div
Deere & Co
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Dual Mfg Co
Ford New Holland
Ingersoll Equipment Co
Kubota Tractor Corp
Melroe Co/Bobcat Unit of Clark Equipment Co
Wikco Industries Inc
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Wikco Industries Inc

Blades, Dozer/Scraper/Snow

Ariens Co
BCS America Inc
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CTL Corp
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Deere & Co
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Jacobsen Textron
Kubota Tractor Corp
Land Pride
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Waldon Inc
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Wheel Horse Products Inc
Woods
Worksaver Inc
York Rakes

Blades, Mower, Etc

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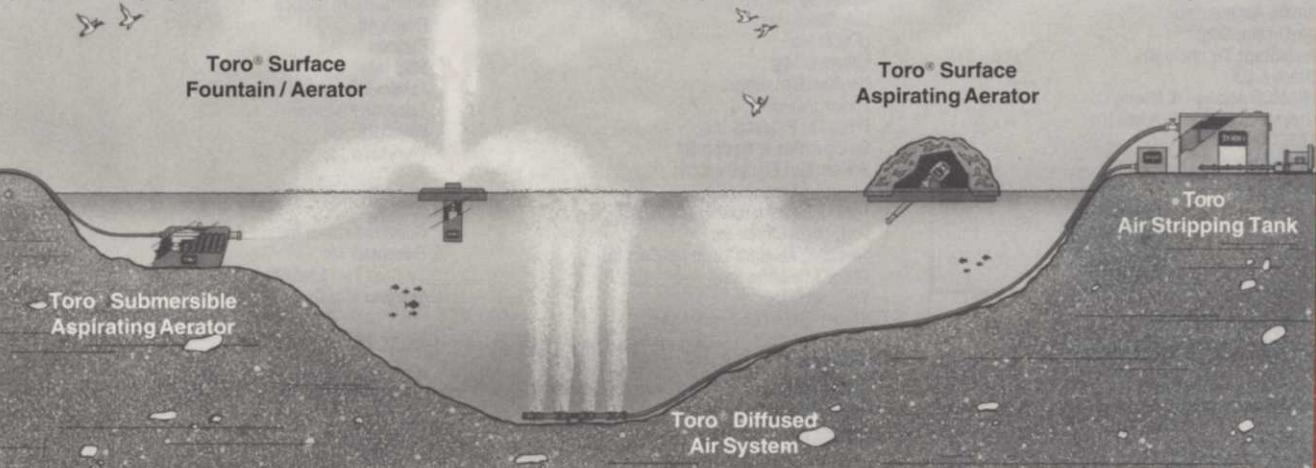
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Encore Mfg Co
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Greenline Distributors Inc
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Landscapers Supply Corp
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Solo Inc
SouthAG
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Stihl Inc
Tanaka Ltd
Tempest Technology Corp
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Westheffer Co
Wikco Industries Inc
Yard Vac Products Inc

- The most efficient and effective way to manage pond water elements comes naturally with Toro® aeration equipment.

With **TORO®**, Controlling The Elements Comes Naturally.

- We use air to safely control algae, add oxygen, improve circulation, eliminate stratification and remove contaminants.
- Our in-depth knowledge combined with a broad range of products allows us to determine the

precise equipment for specific sites, from decorative ponds to functional lakes.



- For more information and the name of the Toro® Distributor in your area, contact:

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LESCO Inc
Northeastern Assoc
Rahrig Sales Inc
Redmax
Robin Products/Carswell Import & Marketing
Sachs-Dolmar
Shindaiwa Inc
Snapper Power Equipment
Solo Inc
Stihl Inc
Tanaka Ltd
Teufel Nursery Inc
Wikco Industries Inc
Yazoo Mfg Co

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Dandi Mfg Co
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Guest Industries Inc

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Ames Co
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Beever Sales Corp
Bush Leasing Inc
Carswell Distributing Co
Crary Bear Cat Co
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Duerr Inc
Forestry Suppliers Inc
Goosene Industries
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Hodges Mfg Co
Ingersoll Equipment Co
Lindig Mfg Corp
Little Wonder
Northeastern Assoc
Olathe Mfg Inc
Ransomes Inc
Roto-Hoe
Salaco Inc
Stahl A Scott Fetzer Co
Steiner Turf Equipment Inc
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Tornado Products Inc
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Wikco Industries Inc

Computer Hardware/Software

Ansan Industries Ltd
Automata Inc
Computer Barron
Dillware Inc
Green Pro Services
Real Green Computers
Red Wing Business Systems
SoftQuest Inc
Thornton Computer Management
Trims Landscape Software

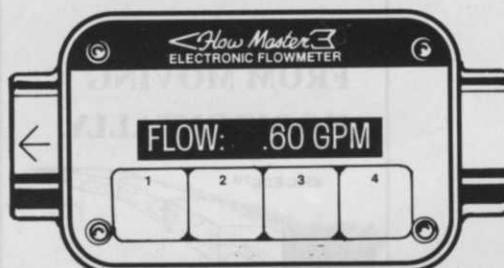
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Ames Co
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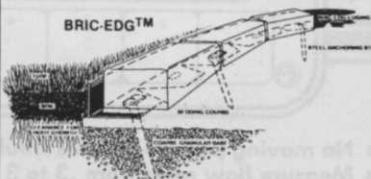
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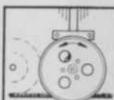
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DOES THIS PICTURE LOOK FAMILIAR?

BIOTURF NEWS

Will biologicals and organic turf products reshape the future of the green industry?

There's just one of the millions people who regard the recently developed biological and organic products as "filler" for the lawn care industry. They work as well as synthetic products. "What's so different about them?" and "What will change the way the green industry operates?"

There is active competition in the pesticide market for control of codling moth larvae.

These products will be used for agricultural purposes.

The competition is increasing as the

industry is demanding more information on the performance and life of these products. In addi-

tion, there is a growing interest in the

development of new products.

These products will be used for agricultural purposes.

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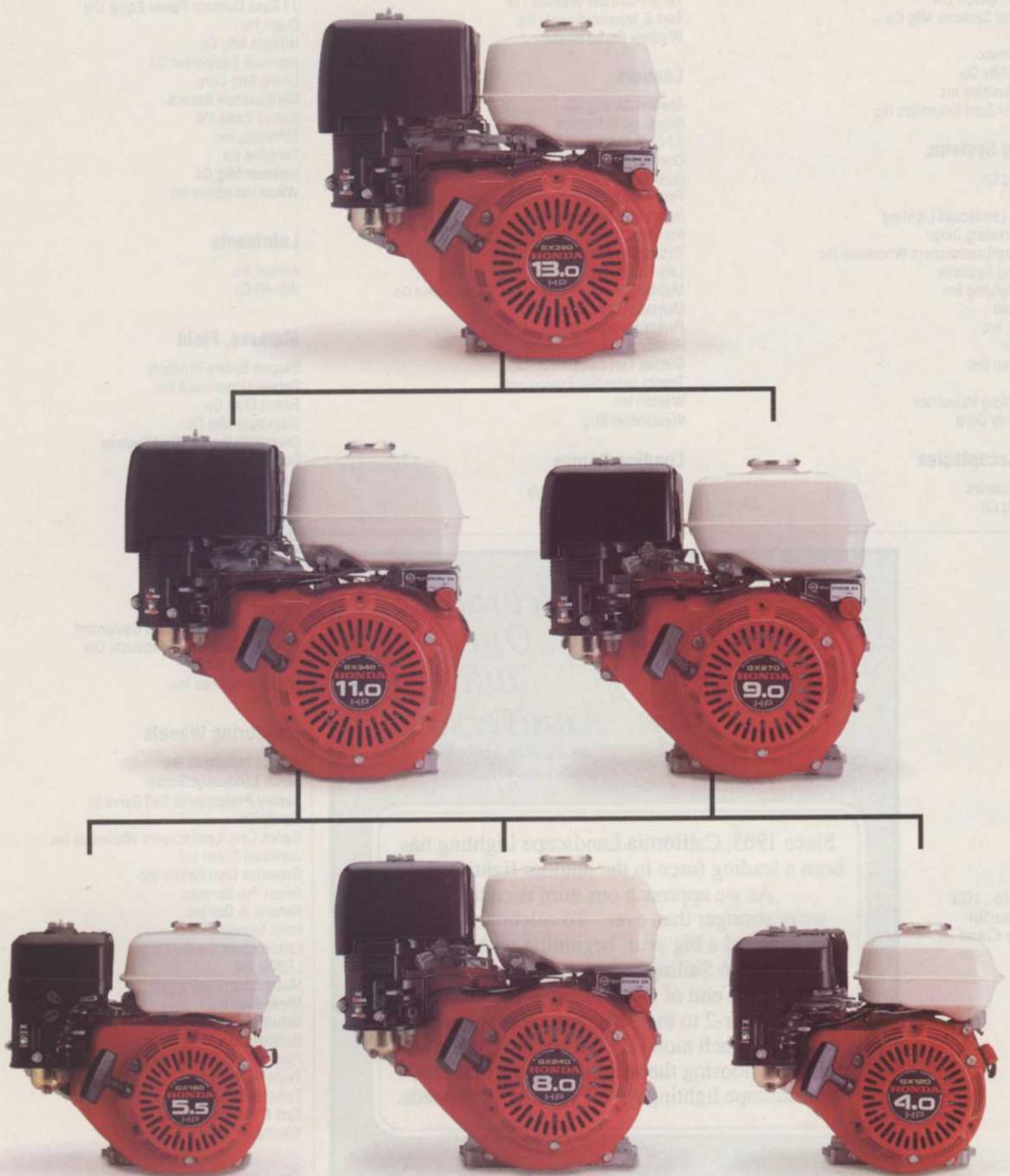
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Snapper Power Equipment
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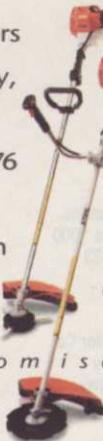
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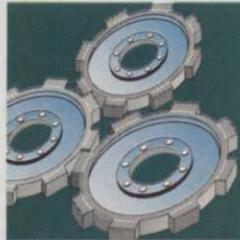
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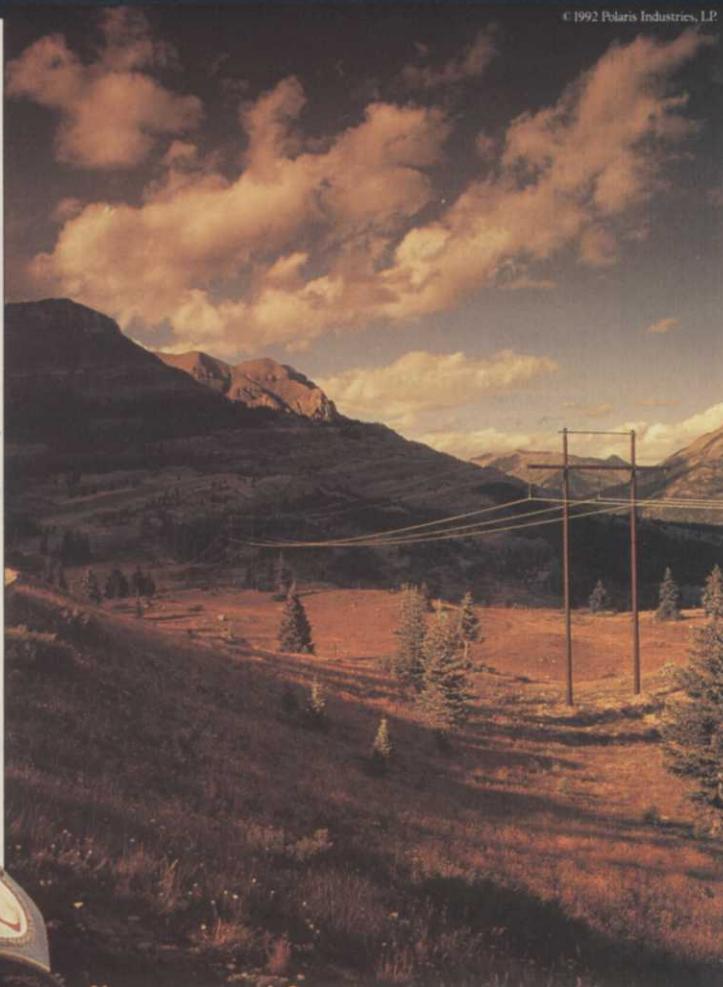
The job called for heavy work at elevations that could bust your lungs, over terrain that could break a truck's back. Then going in again to erase any sign you'd been there. No sweat.

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MAKE IT, OR
AREN'T ALLOWED."**

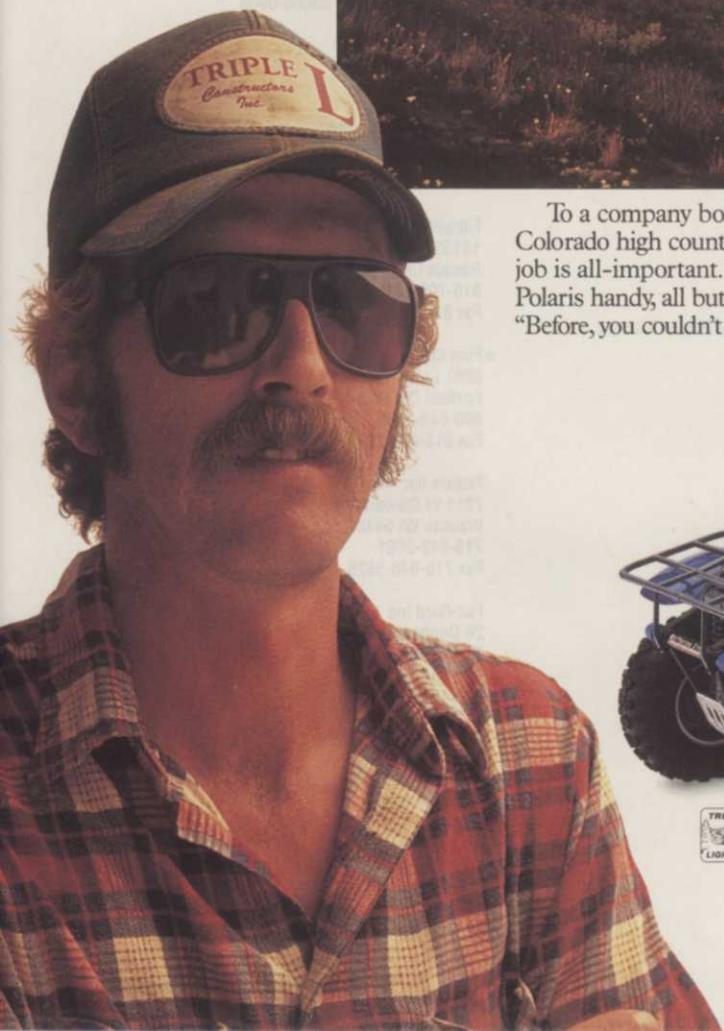
"We went up on Polaris machines and opened a path for the power company," says Larry Johnson of Triple-L construction. "They hand-dug holes, placed poles by helicopter, strung powerline as thick as your wrist and pulled out. Rough work."

Even so, the work was far from over.

"We went back up and pulled the deadwood, replanted, and erased the trail. If you see those poles at all, you'll think they grew there."



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To a company born and bred in Colorado high country, that part of the job is all-important. And without a Polaris handy, all but impossible. "Before, you couldn't get up there but

on horseback or on foot," foreman Mike Williams says. "A Polaris gets you in, hauls your gear, does the job, gets you out. Good machines."

Like every Polaris, Mike's machines have automatic transmission, full floorboards and one-hand braking. Now he's looking into a new Polaris Big Boss: all-terrain vehicles with 850-pound tiltbed, load rack and tow hitch, six-wheel stability, and four-wheel or six-wheel drive. Handy features whether you're clearing brush at 12,000 feet or hauling equipment around a jobsite.

So what advice would Triple-L Construction offer other companies in need of strong, dependable help?

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Warning: ATVs can be hazardous to operate. Never carry passengers. Be especially careful on difficult terrain. Never ride on paved or public roads. Always wear a helmet and protective clothing. Polaris ATVs may not be ridden by anyone under 18. We recommend all riders take a training course. For information, see your dealer or call Polaris at 1-800-342-3764.



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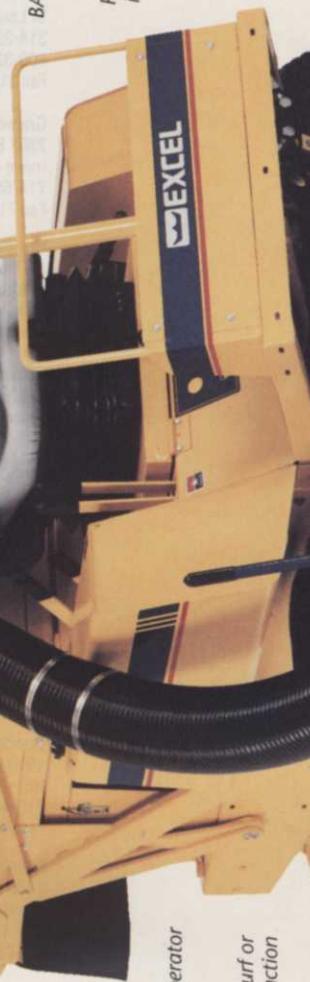
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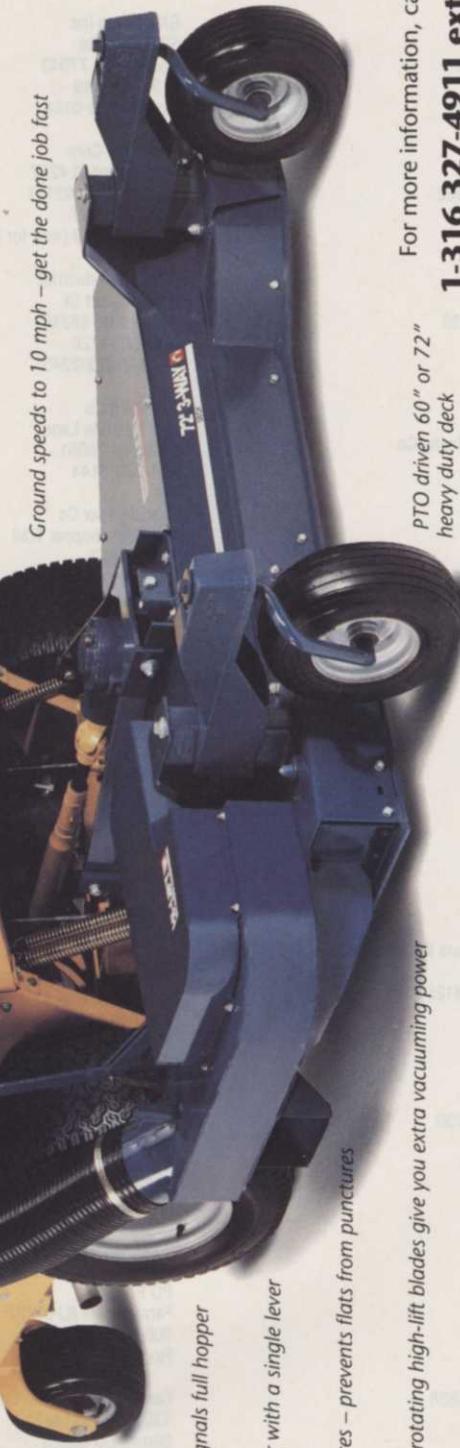


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Howard Price Turf Equipment Inc 18155 Edison Ave Chesterfield MO 63005 314-532-7000 Fax 314-532-0201	Reading Body Works Inc PO Box 14 Reading PA 19603 215-775-3301 Fax 215-775-3261	Redi Haul Trailers Inc 1205 Dewey St Fairmont MN 56031 507-238-4231 Fax 507-238-2603	Rogers Innovative Inc 626 47th St E Saskatoon SK Canada S7K 5X3 306-975-0500 Fax 306-975-0499
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Proseed (USA) Inc 1800 IH 35 S San Marcos TX 78666 512-392-1900 800-243-0105 Fax 512-392-1004	Redmax 1505 Pavilion Pl Norcross GA 30093 404-381-5147 Fax 404-381-5150	Redmax 1505 Pavilion Pl Norcross GA 30093 404-381-5147 Fax 404-381-5150	Roto-Hoe 345 15th St NW PO Box 792 Barberton OH 44203-0792 216-753-2288 Fax 216-753-2320
PRSM 882 S Matlack St Unit E West Chester PA 19382 215-430-3960 Fax 215-430-8081	Redmax 1505 Pavilion Pl Norcross GA 30093 404-381-5147 Fax 404-381-5150	Redmax 1505 Pavilion Pl Norcross GA 30093 404-381-5147 Fax 404-381-5150	Rugg Mfg Co 105 Newton St Greenfield MA 01301 800-633-8772 Fax 413-774-4354
Pumping Systems Inc 10717 Harry Hines Blvd Dallas TX 75220 214-357-1320 Fax 214-357-5861	Red Wing Business Systems 610 Main St Red Wing MN 55066 612-388-1106 Fax 612-388-7950	Redmax 1505 Pavilion Pl Norcross GA 30093 404-381-5147 Fax 404-381-5150	Rycom Instruments Inc 9351 E 59 St Raytown MO 64133 816-353-2100 Fax 816-353-5050
Rahrig Sales Inc 110 W Lima St Forest OH 45843 419-273-2556 Fax 419-273-3203	Redmax 1505 Pavilion Pl Norcross GA 30093 404-381-5147 Fax 404-381-5150	Redmax 1505 Pavilion Pl Norcross GA 30093 404-381-5147 Fax 404-381-5150	Sachs-Dolmar 1022 Hawn Ave Shreveport LA 71137-8526 318-226-0081 Fax 318-425-0211
Rain Bird Sales Inc Commercial Div 145 N Grand Ave	Reemay Inc 70 Old Hickory Blvd Old Hickory TN 37214 615-847-7000 Fax 615-847-7068	Redmax 1505 Pavilion Pl Norcross GA 30093 404-381-5147 Fax 404-381-5150	Safety Storage Inc 2301 Bert Dr Hollister CA 95023 808-637-5955 Fax 808-637-7405



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it — and a lot more — only from the Cushman Turf-Truckster™ vehicle.

Compare the Sprayer.

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RANSOMES

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Equipment

continued

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Hawthorne CA 90250
310-973-2400
Fax 310-973-4679

Salco Products Inc
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Hawthorne CA 90250
310-973-2400
Fax 310-973-4679

Salsco Inc
105 School House Rd
Cheshire CT 06410
203-271-1682
Fax 203-271-2596

Sario Power Mowers Inc
2315 Dr Martin Luther King Blvd
Fort Myers FL 33902
813-332-1955
Fax 813-332-7212

Sauer-Sundstrand
2800 E 13 St
Ames IA 50010
515-239-6000
Fax 515-239-6318

Saxon by Wolfe Metal Fab Inc
2555 Leechburg Rd
Lower Burrell PA 15068
412-339-7790
Fax 412-337-1115

Scag Power Equipment Inc
1000 Metalcraft Dr
Mayville WI 53050
414-387-0100

Schweiss Inc
PO Box 557
Sherburn MN 56171
507-764-2251
Fax 507-764-2252

Seaberry Landscape Inc
3259 Terminal Dr
Eagan MN 55121
612-454-9511
Fax 612-454-9513

Senninger Irrigation Inc
6416 Old Winter Garden Rd
Orlando FL 32835
407-293-5555
Fax 407-293-5740

SGD Co
PO Box 8410
Akron OH 44320
216-239-2828
Fax 216-239-2668

Sheffield House
3449 Ocean View
Glendale CA 91208
818-249-5887
Fax 818-249-2084

Shindaiwa Inc
11975 SW Herman Rd
Tualatin OR 97062
503-692-3070
Fax 503-692-6696

Simplex-Ideal-Peerless
420 Roberts Rd
Oldsmar FL 34677
813-855-6658
Fax 813-855-6650

Simplicity Mfg Inc
500 N Spring St
Port Washington WI 53074

414-284-8669
Fax 414-377-8202

Sitecraft Inc
40-25 Crescent St
Long Island City NY 11101
718-729-4900
800-221-1448
Fax 718-482-0661

Smith Precision Products Co
1299 Lawrence Dr
Newbury Park CA 91320
805-498-6616
Fax 805-499-2867

Snapper Power Equipment
PO Box 777
McDonough GA 30253
404-954-2500
Fax 404-957-7981

SoftQuest Inc
8711 Burnet Rd
Austin TX 78758
512-452-4500
Fax 512-452-2378

Soilmoisture Equipment Corp
801 S Kellogg Ave
Goleta CA 93117
805-964-3525
Fax 805-683-2189

Solo Inc
5100 Chestnut Ave
Newport News VA 23605
804-245-4228
Fax 804-245-0800

SouthAG
Box 16236
Raleigh NC 27610
919-365-5111
Fax 919-365-7848

Spears Mfg Co
15853 Olden St
Sylmar CA 91342
818-364-1611
Fax 818-367-3014

Spectrum Technologies Inc
12010 S Aero Dr
Plainfield IL 60544
800-248-8873
Fax 815-436-4460

Spraying Devices Inc
PO Box 3107
Visalia CA 93278
209-734-5555
Fax 209-734-5591

Spraying Systems Co
PO Box 7900
Wheaton IL 60189-7900
708-665-5000
Fax 708-665-5292

SP Systems
11818 Wilshire Blvd
#210
Los Angeles CA 90025
310-820-1045
Fax 310-478-4175

Spyker Spreader Works
810 W Main
PO Drawer 210
North Manchester IN 46962
219-982-8105
Fax 219-774-3416

Stahl A Scott Fetzer Co
3201 W Lincoln Way
Wooster OH 44691
216-264-7441
Fax 216-264-0891

Standard Golf Co
220 E Fourth St
Cedar Falls IA 50613
319-266-2638
Fax 319-266-9627

Stanley Hydraulic Tools
3810 SE Naef Rd
Milwaukie OR 97267
503-659-5660
Fax 503-652-1780

Victor Stanley Inc
Brickhouse Rd
Dunkirk MD 20754
301-855-8300
Fax 301-257-7579

Steel Eagle
PO Box 919
Elk Point SD 57025
800-447-3924
Fax 605-356-2330

Steiner Turf Equipment Inc
930 Penn Ave
PO Box 85
Orrville OH 44667
216-683-0055
Fax 216-683-3255

★ Stihl Inc
536 Viking Dr
Virginia Beach VA 23452
804-486-8444
800-43-STIHL
Fax 804-486-9288

Strong Enterprises Inc
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Miami FL 33186
305-235-0967
Fax 305-255-2364

Sweepster Inc
2800 N Zeel Rd
Dexter MI 48130
313-996-9116
800-627-9378
Fax 313-996-9014

Swisher Mower & Machine Co
PO Box 67
Warrensburg MO 64093
816-747-8183
Fax 816-747-8650

SyncroFlo Inc
6700 Best Friend Rd
Norcross GA 30071
404-447-4443
Fax 404-447-0230

Systematic Irrigation Controls Inc
116 Hartford Dr
Newport Beach CA 92660
714-760-0411

Tanaka Ltd
22322 20th Ave SE
Bothell WA 98021
206-481-2000
Fax 206-486-6172

Taylor-Dunn Mfg
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Anaheim CA 92804-5498
714-956-4040
Fax 714-956-3130

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Teledyne Princeton 955 W Walnut St PO Box 246 Canal Winchester OH 43110 614-837-9096 Fax 614-837-2105	Thor Enterprises Inc 576 Linnerud Dr Sun Prairie WI 53590 800-872-8467 Fax 608-837-6999	Trebco Corp 4045-A Jonesboro Rd Forest Park GA 30050 404-366-0957
Teledyne Total Power 3409 Democrat Rd Memphis TN 38181 901-365-3600 Fax 901-369-4050	Thornton Computer Management 424 E US Rte 22 Maineville OH 45039 513-683-8100 800-543-7249 Fax 513-683-6538	Treeegator PO Box 18187 Raleigh NC 27619 800-800-7391 Fax 919-872-6173
Tempest Technology Corp 4924 E Lansing Way #103 Fresno CA 93727 209-294-1081 Fax 209-294-9221	Tiger Line Equipment Inc PO Box 121 Minster OH 45865 419-628-3388 Fax 419-628-2899	Tree Guard Inc 403 Anderson St McMinnville TN 37110 615-473-6113 Fax 615-668-3877
Tennant Co 701 N Lilac Dr PO Box 1452 Minneapolis MN 55422-1452 612-540-1200 Fax 612-541-8799	Tine Rake Co 7510 Maple Lane Raytown MO 64138 816-358-1837	Tri-Con Inc 27331 Tungsten Rd Cleveland OH 44132 216-261-3400 Fax 216-261-3769
Terracare Products Co W6179 Hwy 33 PO Box 248 Pardeeville WI 53954 608-429-3402 Fax 608-429-2889	Titan Turf 345 Litchfield Rd Owensboro KY 42303 502-683-7326 Fax 800-626-8444	Trimmer Guard Products 14701 Birnamwood Lane Charlotte NC 28278 803-831-2881
Terra-Form Div Wausau Tile PO Box 1520 Wausau WI 54402-1520 800-388-8728 Fax 715-355-4627	TORK One Grove St Mount Vernon NY 10550 914-664-3542 Fax 914-664-5052	Trims Landscape Software 6018 E Osborn Rd Scottsdale AZ 85251 602-481-9710 800-733-9710 Fax 602-941-5348
Terraline Co PO Box 18436 Minneapolis MN 55418 612-636-4272 Fax 612-636-5787	★Tornado Products Inc W190 N11260 Carnegie Dr Germantown WI 53022 800-945-0235	True Temper Hardware 465 Railroad Ave PO Box 8859 Camp Hill PA 17011 717-737-1500 Fax 717-737-0517
Teufel Nursery Inc 12345 NW Barnes Rd Portland OR 97229 503-646-1111 Fax 503-644-2906	Toro Co Commercial Products Div 8111 Lyndale Ave S Bloomington MN 55420-1196 612-887-8805	Trusco Mfg Co 545 NW 68 Ave Ocala FL 32675 800-327-8859 Fax 904-237-0311
Tex-Net Inc Box 315 Riverton NJ 08077 609-499-9111 Fax 609-499-3520	Toro Co Irrigation Div 5825 Jasmine St Riverside CA 92506 714-688-9221	Tuflex Mfg Co 1406 SW Eighth St Pompano Beach FL 33060 305-785-6402
TFS Systems 8733 Magnolia #103 Santee CA 92071 619-449-6408 Fax 619-449-2368	Towt Industries Intl 1307 Simpson St Kingsburg CA 93631 209-897-5121 Fax 209-897-3167	★Turfclo Mfg Inc 1655 101st Ave NE Minneapolis MN 55434-4420 612-785-1000 Fax 612-785-0556
TGMI Inc 11074 Ashburn Ave Cincinnati OH 45240 513-825-5444 Fax 513-825-3393 Fax 800-241-8464	Toyota Industrial Equipment 19001 S Western Ave Torrance CA 90509 310-781-2938 Fax 310-781-2996	Turf & Nursery Supply Inc 3709 Columbus Rd NE Canton OH 44705 216-456-4114
J Thomas Distributors Inc 34518 Warren Rd Westland MI 48185 800-828-7980 Fax 313-421-5410	Toyota Motor Sales USA Inc 19001 S Western Ave Torrance CA 90509 213-618-4000	Ty-Crop Turf Equipment Inc 48945 Yale Rd E Chilliwack BC Canada V2P 6H4 800-845-7249 Fax 604-794-3446
Tradewinds Inc 2339-2341 Tacoma Ave S Tacoma WA 98402 206-272-4887, 627-7271	L P Tyler East Hwy 12 Benson MN 56215 612-843-3333 Fax 612-843-2467	

Equipment

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Ultra Fluid Technologies Inc PO Box 30809 Columbus OH 43230 614-759-9000 Fax 614-759-9046	Warren's Turf Nursery Inc 7502 S Main St Crystal Lake IL 60014 815-455-5100 Fax 815-455-7894	Windsor Barrel Works PO Box 47 Kempton PA 19529 215-756-4344 Fax 215-756-4344
Uni-Group USA 4362 Northlake Blvd #109 Palm Beach Gardens FL 33410 407-626-4666 Fax 407-627-6403	WD-40 Co 1061 Cudahy Pl San Diego CA 92110 619-275-1400 Fax 619-275-5823	Woods Hwy 2 S PO Box 1000 Oregon IL 61061 815-732-2141 Fax 815-732-7580
United Stockmen Corp 431 48th Ave SW Calgary AB Canada T2S 1E3 403-243-3500	Weather-matic 3301 W Kingsley Rd Garland TX 75041-2207 214-278-6131 Fax 214-271-5710	Worksaver Inc State St Rd PO Box 100 Litchfield IL 62056-0100 217-324-5973 Fax 217-324-3356
Valley Mfg 11085 Wayne Hwy PO Box 70 Waynesboro PA 17268 717-762-1211 Fax 717-762-1966	Wells Cargo PO Box 728-1006 Elkhart IN 46515-0728 219-264-9661 Fax 219-262-8432	W W Diversified Endeavors PO Box 3817 Santa Rosa CA 95402 707-545-2023 Fax 707-545-2023
Valley View Specialties Co 13834 S Kostner Ave Crestwood IL 60445 708-597-0885 800-323-9369 Fax 708-597-9959 Fax 800-323-3262	Westendorf Mfg PO Box 29 Onawa IA 51040 712-423-2762 Fax 712-423-1460	Yamaha 6555 Katella Ave Cypress CA 90630 714-761-7304 800-447-4700
V & B Mfg Co PO Box 268 Walnut Ridge AR 72476 501-886-3525 Fax 501-886-6751	Western Products 7777 N 73 St Milwaukee WI 53223 414-354-2310 Fax 414-354-6664	Yankee Turf Products Inc 200 Shaw Rd North Branford CT 06471 203-484-9514 800-432-RAKE Fax 203-484-9217
Vermeer Mfg Co New Sharon Rd Box 200 Pella IA 50219 515-628-3141 Fax 515-628-7734	Western Wood Structures Inc 20675 SW 105 St PO Box 130 Tualatin OR 97062-0130 503-692-6900 Fax 503-692-6434	Yardage Graphics 2764 Heritage Ct Las Vegas NV 89121 800-533-9344 Fax 702-431-4344
Verti-Drain/Emrex Inc PO Box 1349 Kingston PA 18704 717-288-9360 Fax 717-288-9023	Westheffer Co 1235 N Third Box 363 Lawrence KS 66044 913-843-1633 Fax 913-843-4486	Yard Vac Products Inc 3849 E Ventura Fresno CA 93702 209-251-7125 Fax 209-251-2193
Vicon 444 N Main St Memphis TN 38105 901-528-0142 Fax 901-528-0148	Westmac Aerators Lawn Masters Inc 6527 39th Ave (53142) PO Box 1509 Kenosha WI 53141 414-656-1110	Yazoo Mfg Co 3650 Bay St Jackson MS 39216 601-366-6421
Voigt Lighting Industries 135 Fort Lee Rd Leonia NJ 07605 201-461-2493 Fax 201-461-7827	Wheel Horse Products Inc 515 W Ireland Rd South Bend IN 46614 219-291-3112	Yeager-Twose Equipment Div 28757 NW West Union Rd Hillsboro OR 97124 503-647-5448 800-347-TURF Fax 503-647-5641
Waldon Inc 201 W Oklahoma Ave Fairview OK 73737 405-227-3711 Fax 405-227-2165	Wheel Spray Corp PO Box 97 Delafield WI 53018 414-646-8640	York Rakes PO Box 488 Unadilla NY 13849 607-369-7111 Fax 607-369-2625
★ Walker Mfg Co 5925 E Harmony Rd Fort Collins CO 80525 303-221-5614 Fax 303-221-5619	Brian R White Co 313 Henry Station Rd Ukiah CA 95482 707-462-0242 Fax 707-462-4800	
Wanner Engineering Inc 1204 Chestnut Ave Minneapolis MN 55403 612-332-5681 Fax 612-332-6937	Wikco Industries Inc Rte 2 Box 154 Broken Bow NE 68822 308-872-6474 Fax 308-872-6475	
	Wilkins Div Zurn Industries Inc 1747 Commerce Way Paso Robles CA 93446 805-238-7100 Fax 805-238-5766	

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Directory Adlet

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★ Advertiser. See Advertiser Index



3. Control Products

This section is broken down by chemical product with companies providing that chemical listed below. Products common name (in parentheses) and brand names are listed on the line following the company name.

Absorbefacient (Aquatic)

Aquashade Inc
(acid blue 9, acid yellow 23) Aquashade
LESCO Inc
(elemental copper) Lescocide Plus
UAP Special Products Inc

Adjunct/Carrier

Aabaco Industries Inc
(pyro-phosphatic surfactant-emulsifier blends) Luma-Plus
Arborchem Products Co
(nonionic surfactants & crop oil) Clean Cut; (nonionic surfactant aquatic) Arborchem
Becker-Underwood Inc
Tank Cleaner WSP
Helena Chemical Co
(100% active non-ionic surfactant) Kinetic
Humate Intl Inc
(humic acid) Humate
ISK Biotech
(fatty amine ethoxylate) Frigate
LESCO Inc
Lesco Spreader Sticker; Lesco-Wet; Lesco Wet Granular; Lesco-Wet Tablets; Accu-Wet
Loveland Industries Inc
Turfwetter LI-700; Activator 90; Silwet L-77; Bond; Plyac; Unite
Nature's Touch
(polyflavonoid & plant extracts) Nutri Aid
Nouvelle Laboratories Inc
(organosiloxane) Venom; (humic acids) Roundup Surfactant
Parkway Research Corp
(nonionic surfactants) Wet Foot
PBI/Gordon Corp
(paraffin base petroleum oil) Adjumec; (polymerized pinene, saturated naphthenes & paraffins) Exhibit 800

Algaecide

Aquashade Inc
(acid blue 9, acid yellow 23) AQUASHADE
Great Lakes Biochemical Co
(chelated copper liquid) Algimycin PLL-C; (chelated copper tablet) Slow Release Algimycin PLL-C; (wettable powder) Algimycin GLB-XII
LESCO Inc
(elemental copper) Lescocide Plus
Mycogen Corp
(fatty acids) DeMoss
Parkway Research Corp
(quaternary amine) Consan Triple Action 20
Turf & Nursery Supply Inc
UAP Special Products Inc
United Horticultural Supply
Whitmire Research Labs Inc
(n-alkyl dimethyl benzyl ammonium chloride) PT2000
Green-Shield

Antitranspirant

Aquatrols Corp of America Inc
(paraffin wax emulsion) FoliCote
Bonide Products Inc
(acrylic polymer resins) Bonide Rabbit & Deer Repellent; Mycogen Forever Green
Cleary Chemical Corp
(acrylic polymer) Clearspray
Easy Gardener Inc
Cloud Cover; Plant Saver; Shrub Saver
Green Pro Services
(pine tar & polymer) Vita Coat

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Mycogen Corp
Forevergreen
Parkway Research Corp
(polymeric blend) Anti-Spray
PBI/Gordon Corp
(polyethylene/polyurpene complex) Transfilm
Precision Laboratories Inc
Preserve
Rockland Corp
(polymers) Winter Shield
Turf & Nursery Supply Inc
UAP Special Products Inc
Blanket; NuFilm
United Horticultural Supply
Wilt-Pruf Products Inc
(pine oil emulsion) Wilt-Pruf



Bactericide

J J Maugot Co
(streptomycin) Inject-A-Mycin "S"
Parkway Research Corp
(quaternary amine) Consan Triple Action 20
United Horticultural Supply

Biological Control

Bio Plus Mfg Inc
(vital liquid 10-4-3 lawn fertilizer with micronutrients)
Bio Plus

Bonide Products Inc

(bacillus thuringiensis liquid, powder, dust) Bonide;
(BT Kurstaki, BT San Diego) Mycogen MVP, M-One
Ciba-Geigy Corp
(steinerrena carpocapsae nematode) Exhibit
Cleary Chemical Corp
(BT) Mosquito Dunks
Gustafson Inc
(bacillus subtilis) Quantum-4000
Karsten Turf Inc
(natural products - enzymes, humates, algea, etc)
Turf Anser Products
KLM Bio Systems Inc
Bio Groundskeeper; Bio Groundskeeper
LESCO Inc
Professional Soil Bioinoculant
PBI/Gordon Corp
(bacillus thuringiensis varikurstaki) Bactospine
Rockland Corp
(bt) Foray
Sandoz Agro Inc
Pentac Aquaflow
UAP Special Products Inc
Dipel; Safer
United Horticultural Supply

Bio Products

Amereq Inc
(humic acids) Energizer
Arbor Grove Inc
(cytokinin, auxin-like compounds) Kelpak
Burlington Scientific Corp
Speed Feed Elixir; Speed Feed Turfgrass Formula
Clifford Sales & Marketing
(cytokinin) Cyto-Gro; (cytokinin, iron) Cyto-Fe
Emerald Isle Ltd
(liquefied sea plant extract) PanaSea' Plus
Green Pro Services
(microbes) Vita Krob
Gro-Power Inc
Gro-Power
Harmony Products
(poultry manure fertilizer with bio activators for thatch reduction) Harmony 3-63; (poultry manure fertilizer with bio activators for thatch reduction) Harmony 14-3-6 Plus
LESCO Inc
Professional Soil Bioinoculant
Soil Technologies Corp
(ascophyllum nodosum) Sea-Green Seaplant Extract
Turf & Nursery Supply Inc
United Horticultural Supply

Colorant

Aabaco Industries Inc
(blue pigment dye) Luma-Trac
Arborchem Products Co
(blue spray pattern indicator) Bulls Eye; (blue water soluble packet) Hi-Light WSP
Becker-Underwood Inc
Turf Mark; Green Lawnger; Mulch Magic
Cleary Chemical Corp
Greenzit
Finn Corp
Green Plus
Grace-Sierra Horticultural Products Co
Vitanol; Auragreen
Green Graphics
(latex-based, modified) Green Graphics Green Permanent Turf Colorant
Jonathan Green Inc
(spray colorant) Jonathan Green Blue
LESCO Inc
Lesco-Nu-Mulch; Lesco Green; Lesco Tracker; Lesco Lake & Pond Colorant
Milliken Chemical
(polymeric colorant) Blazon
Parkway Research Corp
(polymeric colorant) Big Foot
PBI/Gordon Corp
(colorant) Gordon's Spray Colorant

GORDON'S
PROFESSIONAL
TURF & ORNAMENTAL PRODUCTS



Precision Laboratories Inc
Penetrat II
Turf & Nursery Supply Inc
UAP Special Products Inc
Activator 90
United Horticultural Supply
Valent USA Corp
X-77

Control Products

continued

Precision Laboratories Inc
 Signal; (dye) True Blue
 Rockland Corp
 Spray Indicator
 Spectrum Technologies Inc
 (temporary colorant) Sprayguide
 Standard Tar Products Co
 (water based) Wood Wonder
 Turf & Nursery Supply Inc
 UAP Special Products Inc
 Turf Mark; Blazon
 United Horticultural Supply

Defoamer

Abaco Industries Inc
 (silicone antifoam) Luma-Antifoam
 Arborchem Products Co
 (30% silicone defoamer) Arborchem
 Cleary Chemical Corp
 (silicon fluid) Cleary's Defoamer
 Kalo Inc
 (silicone dimethylpolysiloxane) Defoamer Aerosol
 LESCO Inc
 Lesco Defoamer
 Loveland Industries Inc
 Fighter F; Unfoamer
 Parkway Research Corp
 (silicone) Defoamer
 Precision Laboratories Inc
 Knockdown
 Turf & Nursery Supply Inc
 UAP Special Products Inc
 Fighter F
 United Horticultural Supply

Drift Retardant

Abaco Industries Inc
 (polyacrylamide polymers) Luma-DR
 Arborchem Products Co
 (polyacrylamide polymer liquid) 38-F; (dry formulation 2-polymers) 41-A
 Cleary Chemical Corp
 (nonionic surfactants) Drift Proof
 Loveland Industries Inc
 Target Dry; Chemtrol; 38-F
 Parkway Research Corp
 (polymer) Drift Free
 PBI/Gordon Corp
 (polyvinyl polymer) Gordon's Drift Retardant
 Precision Laboratories Inc
 Direct
 Rockland Corp
 Target
 Soil Seal Corp
 (soil polymer) Soil Seal Concentrate
 Spectrum Technologies Inc
 (polyoxyethylene) Spraytrol
 UAP Special Products Inc
 Chemtrol
 United Horticultural Supply

Fertilizers, Micronutrients

Aabaco Industries Inc
 (micro nutrient package with bio stimulants) Luma-Cal; (micro nutrient package with bio stimulants) Luma-Green; (micro nutrient package with bio stimulants) Luma-Gro; (micro nutrient package with bio stimulants) Luma-Quick
 Bonide Products Inc
 (trace minerals & elements) Bonide Soil Mineralizer; (kelp & fish emulsion) Bonide Sea Green Plus
 Burlington Scientific Corp
 Speed Feed Elixir; Speed Feed Turfgrass Formula
 Cleary Chemical Corp
 (extra iron, limestone, sulfur, gypsum) Cleary's Flowable Trugreen-0-0-2
 CoRoN Corp
 (5% iron chelate) Microflo

CORON® 28-0-0
 Controlled Release Nitrogen

Creative Sales Inc
 (Fe citrate) MEDICAP FE; (Mn sulfate) MEDICAP MN; (Zn sulfate) MEDICAP ZN
 Doggett Corp
 (iron, manganese, copper, zinc) Doggett
 Drexel Chemical Co
 (NP-K plus micronutrients) Greenfield
 Grace-Sierra Horticultural Products Co
 Esmigran Miner Element Additive
 Great Salt Lake Minerals Corp
 (sulfate of potash) Granular SOP by GSL; (sulfate of potash) Soluble Fine SOP by GSL
 Jonathan Green Inc
 (Mg, S, Bn, Cu, Fe, Mn, Zn) Jonathan Green
 Micronutrients; (iron & sulfur) Turf Pro(AC); (calcium liquid) Jonathan Green Super-Cal
 Green Pro Services
 (iron, sulphur, magnesium, manganese, copper, zinc) Vita-Green; (13-9-7 with humic acid) Vita Tree/Shrub
 Gro-Power Inc
 Gro-Power
 Growth Products Ltd
 (high iron, 8% low nitrogen, 6% plus 4% sulfur)
 X-Xtra Iron 8%



Helena Chemical Co
 Tracites; Tracite-N; Baytolan Plus
 Humate Intl Inc
 (humic acid, package of biostimulants & micronutrients) Stress Reliever
 Karsten Turf Inc
 (N-P-K-Fe-Ca-S-Mn-Cu-Mg-all minors) Turf Answer Products
 Lange-Stegmann Co
 (Fe, S, Mg, Mn, Cu, Zn, Mo) Lange
 LESCO Inc
 Iron Plus; Micro-Mix; Chelated Iron Plus
 Milorganite
 (natural, organic fertilizer with slow-releasing N, iron & micronutrients) Milorganite
 Na-Churs Plant Food Co
 (liquid EDTA chelated micronutrients (Fe, Mn, Zn, Cu, Mg, Ca, S)) Na-Churs
 Nature's Touch
 (natural organic plant extracts & bi-products) Prescription Formulation Strengthen & Renew
 Nouvelle Laboratories Inc
 (liquid micronutrients complexed with humic acids) Biostium
 OHP Intl Inc
 (humates, NPK, micronutrients) Ferto
 PBI/Gordon Corp
 (urea nitrogen, iron, sulfur) Ferromec; (urea nitrogen & dairy manure) Bov-A-Mura

GORDON'S
 PROFESSIONAL
 TURF & ORNAMENTAL PRODUCTS

Plant Food Co
 (10-10-10 with secondary & minor elements) Blu-Gro; Iron-N
 Plant Marvel Laboratories Inc
 (Sol Trace) Plant Marvel Nutriculture Formula
 RGB Laboratories Inc
 (0-4-4 with iron, magnesium, sulfur, manganese, zinc, boron) Agri-Plex For-X; (0-5-8 with 8% iron) Agri-Plex Fe8; (8% iron, 8% sulfur) Lawn-Plex; (4% iron, 2% manganese) Agri-Plex Fe/Mn
 O M Scott & Sons
 STEP
 Sudbury Lawn & Garden Products
 (urea nitrogen) Tailor-Made Fertilizer Nitrogen 44-0-0; (phosphoric acid) Tailor-Made Fertilizer Phosphorus 0-44-0; (soluble potash) Tailor-Made Fertilizer Potash 0-0-44; (water soluble organic nitrogen, soluble potash, chlorine) Sea Power Liquefied Seaweed 0.1-0.0-1.0

Sustane Corp
 (composted natural organic fertilizer) Sustane 5-2-4
 Triazone Div Arcadian Corp
 (metallic nitrates) NZN; (metallic nitrates) NMG;
 (metallic nitrates) NFE
 United Horticultural Supply
 Vigoro Industries Inc
 Woodace

Fertilizer, Organic
 CFS Specialty Div

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 CFS SPECIALTY DIV. • 800-822-6671

Sustane Corp

SUSTANE
A Natural Organic Fertilizer
Sustane Corporation
 1103 Main St. W., Cannon Falls, MN 55009
 800-352-9245 Fax: (907) 263-3029

Fertilizer, Tree
 Andersons

The Andersons

Arbor Systems Inc
 (ferric citrate) Iron NutriBoosters
 Artech Inc
 (organic humic-acids) Actosol
 Cedar Chemical Corp
 (soluble NPK with micronutrients) PolyFeed; (soluble MAP) MAP
 Cleary Chemical Corp
 Fluf, Trugreen Pro
 CoRoN Corp
 (16-3-3, 55% controlled release nitrogen) Arborflo
 Creative Sales Inc
 (12-4-4, N-P-K plus micronutrients) MEDICAP MD
 Davey Tree Expert Co
 (30-10-7, ureaformaldehyde, monopotassium phosphate) Arbor Green
 Doggett Corp
 (slow-release 32-7-7 & other formulations) Doggett

The Doggett Corporation
 Lebanon, N.J. 08833

DOTS (Distributors Own Turf Supplies)
 (RZP 34-3-7) DOTS
 Grace-Sierra Horticultural Products Co
 Agriform Planting Tablets
 Gro-Power Inc
 Gro-Power
 Growth Products Ltd
 (with 40% organic slow release nitrogen) Arbor Care 15-8-4 Liquid Fertilizer

GROWTH PRODUCTS

Howard Johnson's Ent Inc
 (nitro-form+) R3P 34-3-7
 Lebanon Turf Products Div Lebanon Chemical Corp
 (professional tree food 16-4-8) Lebanon; (lawn tree & shrub 10-6-4) Lebanon



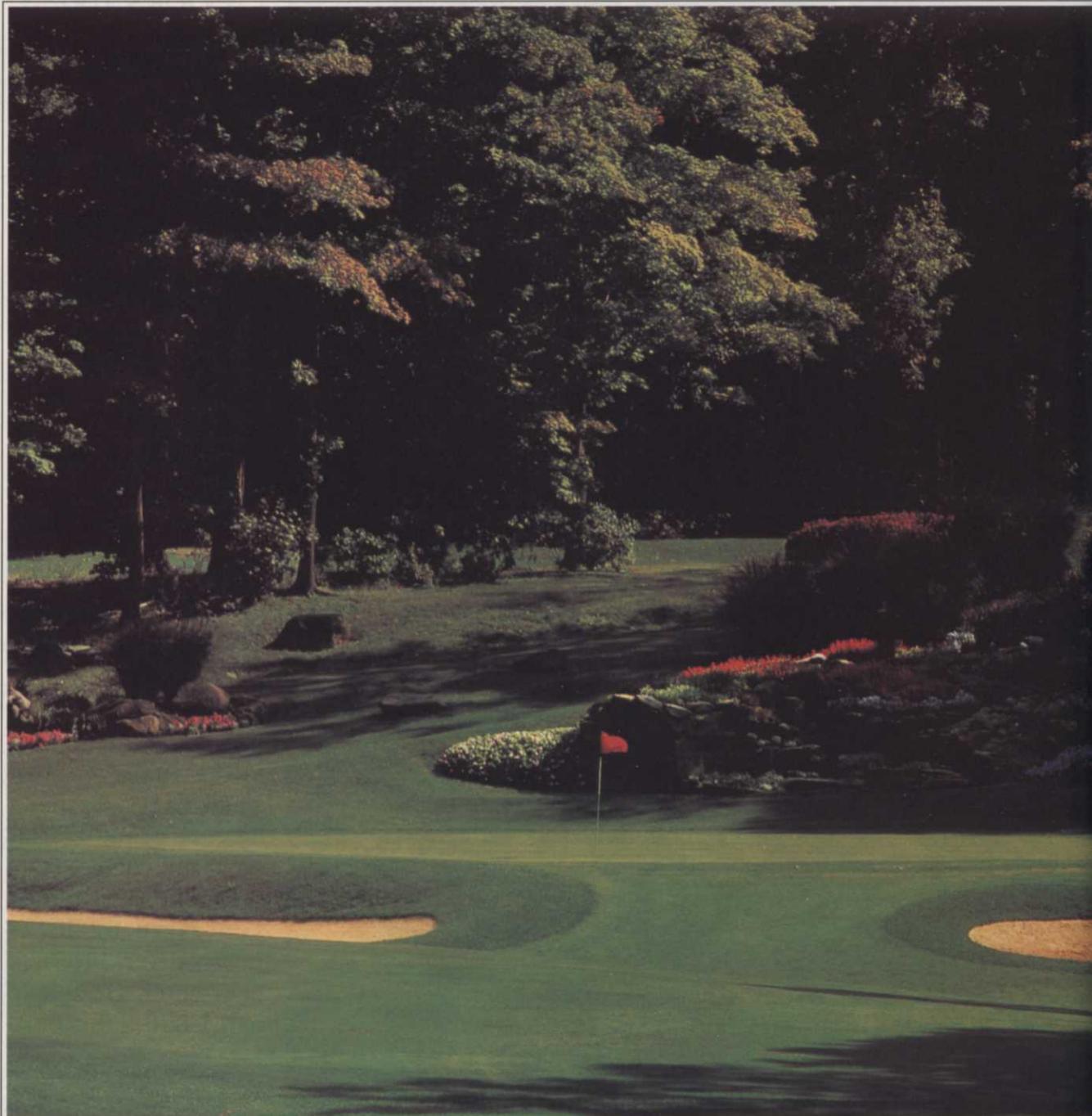
Looks like
it's time
for new
homogeneous
Greenskeeper
12-25-12.

Designed specifically for late fall and early winter applications, Greenskeeper 12-25-12 will build stronger root systems and deliver faster green-up in the spring. And for a few cents more than blends, you'll get exceptional coverage and Greenskeeper homogeneous quality in a 1-2-1 ratio. For more information about Greenskeeper's newest granular fall fertilizer, contact your Lebanon sales representative or local Lebanon Turf Products distributor. Or simply call 1-800-233-0628.



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Circle No. 110
on Reader
Inquiry Card



THE BEST SUMMER PATCH PROGRAM EVER RECORDED.

YES

Send me the best summer patch control program ever recorded.

NAME

TITLE

ORGANIZATION

ADDRESS

CITY/STATE

ZIP

PHONE NUMBER

IN 1991, I USED THE FOLLOWING FUNGICIDES:

NUMBER OF HOLES ON MY COURSE:

MY COURSE IS:

PUBLIC

PRIVATE

RESORT

MY ANNUAL FUNGICIDE BUDGET IS:

\$



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Kansas City, MO 64120-0013





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If you think that's sound advice, then call for our free audio tape and brochure.

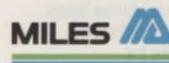


Each outlines a summer patch program that includes everything from identifying the causes to managing susceptible areas.

Also, they tell you a little bit about BAYLETON 25 Turf and Ornamental Fungicide. For ten years, you've seen what it can do for dollar spot and many other diseases. Now discover how well it performs in a summer patch program.

For your free tape and brochure, call 1-800-842-8020. Or write Miles Inc., Specialty Products, Box 4913, Kansas City, MO 64120.

After all, summer patch control today requires that you use your head. And what better place to start than with your ears.



Circle No. 123 on Reader Inquiry Card



Control Products

continued

LESCO Inc
Arbogreen; (28-7-14 water soluble fertilizer)
Liquavita
J J Mauget Co
(chelated Ag minerals & NPK) Stemix; (sulfates, nitrates) Inject-A-Min Fe-Zn, Inject-A-Min Mn
Medi-Ject Tree Injection Systems
(nitrogen, phosphorus potassium) Medi-NPK; (iron) Iron
Moyer & Son Inc
(methylene urea, polyphosphates, muriate of potash) Arborflor
Na-Churs Plant Food Co
(liquid NPK blend with & without controlled release nitrogen) Na-Churs
Nature's Touch
(copolymer organic enzymes & extracts combined with NPK) TES
NOR-AM Chemical Co
(ureaform) NitroForm
Northeastern Assoc
Doggett
Nouvelle Laboratories Inc
(organic NPK) Biostim Granular
OHP Intl Inc
(humates, NPK, micronutrients) Ferto
Par Ex
(isobutylidene diurea) Woodace
Plant Food Co
(14-7-4 40% organic) Liqua-Form Liquid; (16-4-5 40% premium fertilizer) PFC's Tree & Shrub
Plant Marvel Laboratories Inc
(tree & shrub special 25-15-10)
Ringer Corp
(natural organic proteins) Flower/Foliage
Rockland Corp
Hydro-Starter
ROOTS Inc
(peat humus, kelp) ROOTS Concentrate

Garfield Williamson Inc
(30-5-7, 20-5-7, 10-6-4, 12-24-12) PROFORM
Garick Corp/Landscapers Wholesale Inc
Andersons
Grace-Sierra Horticultural Products Co
Once Season Long Turf Fertilizers; Peters Water Soluble Fertilizers
Great Salt Lake Minerals Corp
(sulfate of potash) Sport Turf SOP Mini-Grade; (sulfate of potash) Sport Turf SOP Greens-Grade
Jonathan Green Inc
(40 different formulations including combination products with pesticides)
Green Pro Services
(urea) Vita Blend 20-3-3

Plant Food Co
(20-0-0 50% controlled release) Green-T; (10-2-10 50% controlled release) Green-T
Plant Marvel Laboratories Inc
(28-8-18) Bent Special; (28-18-8) Lawn Marvel; (25-5-20) Bermuda Special
Ringer Corp
(natural organic feed grade proteins & meals) Greens; (natural organic feed grade proteins & meals) Fairway/LCO
Rockland Corp
(IBDU, nitroform, P, K, iron) Twin-Win; (IBDU, milorganite, P, K, iron) Mil-An-Chem; (IBDU) Supreme Green; (IBDU, milorganite) Mil-An-Chem II
ROOTS Inc
(peat humus, kelp, iron) ironROOTS Concentrate

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Gro-Power Inc
Gro-Power
Growth Products Ltd
(liquid fertilizer solution) 18-3-6 with Organic SRN & Micros



Harmony Products
(composted poultry manure, methylene urea)
Harmony 14-3-6 Professional Turf Food; (composted poultry manure, methylene urea, bio activators for thatch reduction) Harmony 14-3-6 Plus; (poultry manure, 3% iron) Harmony 6-2-12; (100% composted poultry manure) Harmony 3-6-3
Howard Johnson's Ent Inc
(nutralene, scu, sulfate of potash, urea, ureaform, muriate, plus) Custom Blends
KLM Bio Systems Inc
Bio Groundskeeper
Knox Fertilizer Co
Lange-Stegmann Co
(nutralene, agricotturf, scu, sop, micros, etc) Lange Lebanon Turf Products Div Lebanon Chemical Corp
(organic, water soluble, greens grade, iron fertilizers)
Country Club; (organic fertilizers) Greenskeeper; (SCU fertilizers) Lebanon Pro; (20-20-20 water soluble fertilizer) Lebanon Spray Gro
LESCO Inc
Sulfur-Coated Urea; Elite Turf Fertilizer; Mini Turf Fertilizer
Milorganite
(natural organic fertilizer with nitrogen, phosphorus, iron & micronutrients) Milorganite
Milwaukee Metropolitan Sewerage District
(6-2-0 natural organic) Milorganite
Moyer & Son Inc
(methylene urea, polyphosphates, muriate of potash) Turflo
Na-Churs Plant Food Co
(liquid NPK blend with & without controlled release nitrogen) Na-Churs
Nature's Touch
(natural extracts from plants combined with NK, Fe, Mn, Ca, Zn) Green Magic

NOR-AM Chemical Co
(ureaform) Nitroform; (methylene urea polymers)
Nutralene
Northeastern Assoc
Rockland
Nouvelle Laboratories Inc
(organic sprayable blood meal urea nitrogen, humic acids) Biostim SP
OHP Intl Inc
(humates, NPK, micronutrients) Ferto
Organic Lawn Care
(liquid extract from Ag crops) Liquid Compost;
(dehydrate plant residues) Granular Humic Plus
Par Ex
(isobutylidene diurea) Par Ex

ROOTS™
Root Growth Enhancer

O M Scott & Sons
HD Greens; Super Greens; High K Greens; HD Fertilizer Plus; HD Fertilizer Plus Iron; HD NPK Greens; Hi-Maintenance Turf Fertilizer; HD Starter; Fertilizer with Minors; HD Fairway; HD Nitrogen/Potassium Fairway; High K; HD Super Fairway; Turf Starter Fertilizer; Turf Fertilizer; Turf Fertilizer Plus Iron; NPK Turf Fertilizer Plus Minors; NPK Turf Fertilizer; Super Turf Fertilizer; STEP (Scotts Trace Element Package); Iron S; Sulfur; Fluid Fertilizer; Fluid Minors Package; Flowable K Fertilizer; Hydrozyme Wetting Agent
Soil Technologies Corp
(nitrogen fixing cyanobacteria) Turftech II Biofertilizer
Spring Valley Turf Products
Spring Valley Natural Green Fertilizer; Spring Valley Golf Pro Fertilizer
Stanford Seed Co
Old English
Sustane Corp
(composted natural organic fertilizer) Sustane 5-2-4
Terrene Div Enviro-Gro Technologies
(activated sewage sludge) Terrene Natural Organic
Triazone Div Arcadian Corp
(urea triazone) N-Sure 28-0-0; (methylene ureas) Formolene-Plus 30-0-0
Turf & Nursery Supply Inc
Par Ex; Ringer
Tyler Enterprises
Greensward; Prairie Creed; X Tyler Iron
UAP Special Products Inc
UAP
Uniroyal Chemical Co
(NPK, minor elements) Leffingwell Solu-Spray;
(nitrogen-chelated iron) Leffingwell Vitatone
United Horticultural Supply
Vigoro Industries Inc
Par Ex
Warren's Turf Nursery Inc
(25-3-9, 6-20-20, 25-3-3, 18-5-8, 10-8-4) Warren's

Fungicide, Tree
Bonide Products Inc
(captan) Bonide; (mancozeb) Bonide; (chlorothalonil liquid) Bonide
Cleary Chemical Corp
(thiophanate methyl) 33336 F; (thiophanate methyl) 3336 WP/WSB
Grace-Sierra Horticultural Products Co
(thiophanate-methyl, dithiocarbamate) Duo San Turf & Ornamental Fungicide
ISK Biotech
(chlorothalonil) Daconil 2787
LESCO Inc
(maneb) LESCO Mancozeb DG; (maneb, zinc) LESCO 4 Flowlable with Zinc; (benomyl) Benomyl WP
J J Mauget Co
(DEBC) Fungisol; (oxycarboxin) Fungisol PV
Miles Chemical
(triadimenol) Bayleton
Parkway Research Corp
(quaternary amine) Consan Triple Action 20

IRON ROOTS® Root Growth Enhancer

Spring Valley Turf Products
Spring Valley; Tree Builder 2 8-7-7
Triazone Div Arcadian Corp
(urea triazone) N-Sure 28-0-0; (methylene ureas) Formolene-Plus
Turf & Nursery Supply Inc
UAP Special Products Inc
NuLeaf
Uniroyal Chemical Co
(foliar nutrients) Sorba Spray
United Horticultural Supply
Vigoro Industries Inc
Woodace

Fertilizer, Turf
Andersons
Tee Time; Professional Custom Mix; Break-Thru
Arcadian Corp Triazone
(controlled-release nitrogen) N-Sure; (controlled-release nitrogen) Formolene-Plus
Arctech Inc
(organic humic-acids) Lawn Actosol
Bonide Products Inc
(17-4-4) Bonide Weed N Feed; (15-2-3) Bonide Weed N Feed
Cedar Chemical Corp
(potassium nitrate) K-Power; (S release NPK) Multicote-4
CFS Specialty Div
(composted poultry manure, leather) Natural 8-1-3; (tannage, sulfate of potash) Natural Professional Turf
Cleary Chemical Corp
Fluf, Trugreen Pro
CoRoN Corp
(28-0-0, 70% controlled release nitrogen) CoRoN
DOTS (Distributors Own Turf Supplies)
(custom formulations w/SCU VF SOP nutralene)
DOTS

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Control Products

continued

PBI/Gordon Corp
(manganese, zinc++, Ethylene bisdithiocarbamate ion)
Formec 80
Turf & Nursery Supply Inc
UAP Special Products Inc
Captam; Mancozeb
United Horticultural Supply

Fungicide, Turf

Andersons
BASF Corp Agricultural Products Group
(vinclozolin) Curalan; (vinclozolin) Curalan DF
Bonide Products Inc
(thiram) Bonide; (bayleton) Bonide; (benomyl) Bonide
CePril Industries
(seed coating) Apron
Ciba-Geigy Corp
(propiconazole) Banner; (metalaxyl, mancozeb) Pace
Cleary Chemical Corp
3336 WP/WSB; 3336F; PMAS; Spotrete F; Spotrete WDG
DOTS (Distributors Own Turf Supplies)
(bayleton, benomyl) DOTS
DowElanco
(fenarimol) Rubigan AS; (fenarimol, chlorothalonil) Broadway
E I DuPont de Nemours & Co
(benomyl) Tersan 1991 DF; (mancozeb) Tersan LSR
Grace-Sierra Horticultural Products Co
(thiophanate methyl) Fungo 50; (thiophanate methyl) Fungo 85; (thiophanate methyl) Fungo Flo;
(thiadiazole) Koban 30; (oxazolidinedione) Vorlan DF; (oxazolidinedione) Vorlan Flo; (mercurous chloride, mercuric chloride) Calo-Clor; (mercurous chloride, mercuric chloride) Calo-Gran
Jonathan Green Inc
Banol, Bayleton, Chipco 26019 FLO, Subdue, Daconil 2787, Tersan 1991
Gustafson Inc
(metalaxyl) Apron Dry; (metalaxyl) Apron-FL
ICI Americas Inc Professional Products
(captan) Captan Turf & Ornamental
ISK Biotech
(chlorothalonil) Daconil 2787
Howard Johnson's Ent Inc
(gran) Bayleton; (gran) Benomyl
Kincaid Enterprises Inc
(chloroneb) Terraneb SP

Lebanon Turf Products Div Lebanon Chemical Corp
(bayleton, benomyl, chlorothalonil fungicides)
Lebanon
LESCO Inc
Miles Chemical
(triadimefon) Bayleton; (anilazine) Dyrene
Miles Inc
(triadimefon) Bayleton 25
NOR-AM Chemical Co
(propamocarb) Banol
Parkway Research Corp
(quaternary amine) Consan Triple Action 20
PBI/Gordon Corp
(chloroneb) Teremec SP; (manganese, zinc++, ethylene bisdithiocarbamate ion) Formec 80
Rhone-Poulenc Ag Co
(iprodione) Chipco 26019; (aluminum tris) Chipco Alette



Rockland Corp
(dyrene) Pro Lawn Disease Control
O M Scott & Sons
Fertilizer Plus Fungicide VII/28-0-12; Fertilizer Plus Fungicide VIII/23-3-3; FF II/14-3-3; Systemic Fungicide; Fungicide V; Fungicide VII; Fungicide X; Pythium Control; Fluid Fungicide; Fluid Fungicide II; Fluid Fungicide III
Turf & Nursery Supply Inc
UAP Special Products Inc
(PCNB) Mancozeb, Tersan, Daconil, Suldsue, Banner
Uniroyal Chemical Co
(PCNB) Turfcide; (PCNB) Terraclor; (ethidiazole) Terrazole
United Horticultural Supply

Grass Coatings

Becker-Underwood Inc
Green Lawnger
CePril Industries
Nutri-Kote; Nutri-Kote & Apron
Ciba-Geigy Corp
(metalaxyl) Subdue
LESCO Inc
Lesco Green
Pioneer Mfg

(athletic field marking paint) Brite Stripe; (aerosol athletic field marking paint) Quik Stripe

Growth Regulator, Turf/Ornamental

Abbott Laboratories
(gibberellic acid) PRO-GIBB
American Cyanamid Co
(chlormequat trimethylxononium chloride) Cycocel
Andersons
Bonide Products Inc
(kinetin) Bonide Berry & Fruit Set; (P-chlorophenoxyacetic acid) Bonide Tomato Set
DowElanco
(flurpyrimidol) Cutless
PBI/Gordon Corp
(mefluidide) Embark 2S PGR; (dikegulac-sodium) Atrimmec PGR; (mefluidide) Embark Lite FTR



ROOTS Inc
(peat humic, kelp) ROOTS Concentrate; (peat humus, kelp, iron) ironROOTS Concentrate



O M Scott & Sons

Fertilizer with TGR Poa Annua Control/31-3-9; High K Fertilizer with TGR Poa Control/15-0-29; (wettable powder) TGR Turf Enhancer 50 WP
Sudbury Lawn & Garden Products
(ammoniacal nitrogen, nitrate nitrogen, phosphoric acid, soluble potash) Jungle Juice (2-5-4), Flower Cracker (1-6-5), Orchids Exotica (5-5-3), Sitting Pretty (1-3-2), 60 Day Wonder (2-5-4); (phosphoric acid, soluble potash) Granny's Bloomers (0-6-5); (ammoniacal nitrogen, nitrate nitrogen, phosphoric acid, soluble potash, calcium) Cactus Juice (1-7-6); (soluble potash, water soluble, magnesium, sulfur combined, boron, iron, manganese, zinc) Green Up (0-0-2-2S)

Turf & Nursery Supply Inc

UAP Special Products Inc

Limit

Uniroyal Chemical Co
(maleic hydrazide) Royal Slo-Gro; (daminozide) B-Nine
United Horticultural Supply

Herbicides, Aquatic

Andersons
Aquashade Inc
(acid blue 9, acid yellow 23) AQUASHADE
Arborchem Products Co
(glyphosate) Rodeo
DowElanco
(fluridone) Sonar
LESCO Inc
(elemental copper) Lescocide-Plus
PBI/Gordon Corp
(dichlobenil) Norosac 10G
Riverdale Chemical Co
(2-ethylhexyl ester of 2,4-D) 2,4-D Granules; (dimethylamine salt of 2,4-D) AM-40; (dimethylamine salt of 2,4-D) Solution Water Soluble Amine
Turf & Nursery Supply Inc
UAP Special Products Inc
Aquashade Aquathel; Hydrothol
Uniroyal Chemical Co
(dichlobenil) Casoron
United Horticultural Supply
Valent USA Corp
(diquat) Diquat

Herbicides, Nonselective

Andersons
Arborchem Products Co
(glyphosate) Roundup
Bonide Products Inc
(pramitol) Bonide Grass N Weed Killer; (diquat dibromide) Bonide Liquid Edger
Jonathan Green Inc
(glysophate) Round-up; (prometon) Prometon 5E
LESCO Inc
(glyphosate) Avail
Monsanto Agricultural Co
(glyphosate) Expedite Grass & Weed; Roundup
Mycogen Corp
(fatty acids) Sharpshooter
PBI/Gordon Corp
(prometon) Vegemec



Rhone-Poulenc Ag Co



Riverdale Chemical Co
(sodium chlorate, sodium metaborate) Killsall Liquid; (diuron, bromacil) DiBro 2+2 Granular Herbicide; (prometon) Prometon 5E Veg Killer

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P.O. Box 549 NITRO, WV 25143 or call your local dealer.

Ask for Gustafson Apron® before you seed

UNTREATED

TREATED WITH APRON

or you may wish you had later

**Start your turf right.
Plant seed treated with quality Gustafson
seed treatments.**

Gustafson, the worldwide leader in seed treatment technology, offers a variety of Apron fungicide formulations to help your turf start fast and healthy.

Gustafson Apron protects against *Pythium* damping-off and seedling blight during the critical first weeks of the growing season. The early season plant health you get with Gustafson Apron helps produce an improved root system, better emergence and more plants per square foot.

You'll see turf emerge faster, thicker and greener, and look good all season long. That's a lot of benefits for just a few pennies per pound of seed.

Apron can be used when you're seeding new turf, re-seeding or over-seeding. And it's effective on ALL types of turf and forage grasses.

Ask your chemical supply dealer for Gustafson Apron, including Apron-FL, Apron 25W and Apron Dry for hopper box application.

Gustafson

P.O. Box 660065 Dallas, Texas 75266-0065 (214) 985-8877

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Gustafson (logo) is a Reg.TM of Gustafson, Inc. Apron is a Reg.TM of Ciba-Geigy.

Circle No. 112 on Reader Inquiry Card

Control Products

continued

Rockland Corp
(pramitol) Weed & Grass Killer
Turf & Nursery Supply Inc
UAP Special Products Inc
Roundup; Diquat
United Horticultural Supply
Valent USA Corp
(diquat) Diquat Trim & Edge

Herbicides, Ornamental

American Cyanamid Co
(pendimethalin) Pendulum WDG
BASF Corp Agricultural Products Group
(sethoxydim) Vantage; (bentazon) Basagran T/O
Bonide Products Inc
(eptam, deurinol, dacthal) Bonide
DOTS (Distributors Own Turf Supplies)
(surflan) DOTS
DowElanco
(oryzalin, isoxaben) Snapshot; (oryzalin) Surflan
Grace-Sierra Horticultural Products Co
(oxyfluorfen, oryzalin) ROUT Ornamental Herbicide
Jonathan Green Inc
Surflan AS, TREFLANSevin 4L (Carbaryl)
Hoechst-Roussel Agri-Vet Co
(fenoxaprop-ethyl) Acclaim 1EC
ICI Americas Inc Professional Products
(propiconazole) Devrinol Ornamental Herbicide;
(EPTC) Eptam Ornamental Herbicide
Howard Johnson's Ent Inc
(ex-cel, isoxaben)
Lebanon Turf Products Div Lebanon Chemical Corp
(treflan (trifluralin)) Lebanon
LESCO Inc
(fluazifop-p-butyl) Lesco Take-Away Grassy Weed
Herbicide; (napropamide) Lesco Ornamental
Herbicide 5G
PBI/Gordon Corp
(dichlobenil) Dyclomec; (fluazifop-P-butyl) Ornamec
Turf & Nursery Supply Inc
Uniroyal Chemical Co
(dichlobenil) Casoron
United Horticultural Supply

Herbicides, Postemergence

American Cyanamid Co
(imazaquin) Image
Andersons
BASF Corp Agricultural Products Group
(bentazon) Basagran T/O; (sethoxydim) Vantage
Bonide Products Inc
(2,4-D + Dicamba) Bonide Lawn Weed Killer; (2,4-D +
DSMA) Bonide Summer Crabgrass Killer
Cleary Chemical Corp
Methar 30; MCPP; MCPP-2,4-D; Weedone DPC
DOTS (Distributors Own Turf Supplies)
(triamine, trimec) DOTS
DowElanco
(2,4D, triclopyr) Turflon; (triclopyr, cipropralid)
Confront
Drexel Chemical Co
(MSMA plus surfactant) Drex 530
Grace-Sierra Horticultural Products Co
(2,4-D, propiconazole, dicamba) Trex-San
Jonathan Green Inc
Triamine, Tr-Ester, Trimec Plus, Triamine II, Tri-
Power, Triplet
Hoechst-Roussel Agri-Vet Co
(fenoxaprop-ethyl) Acclaim 1EC; (diclofop-methyl)
Iloxoan 3EC
ICI Americas Inc Professional Products
(fluazifop-p-butyl) Fusilade Turf & Ornamental
ISK Biotech
(MSMA) Daconate 6
Howard Johnson's Ent Inc
(triamine, trimec)
Lange-Stegmann Co
(fertilizer plus trimec) Lange
Lebanon Turf Products Div Lebanon Chemical Corp
(trimec (2,4-D, MCPP, dicamba)) Lebanon Pro; (2,4-D
& MCPP) Lebanon; (2,4-D & MCPP) Country Club
LESCO Inc

Miles Chemical
(metribuzin) Sencor
Miles Inc
(metribuzin) Sencor 75
Monsanto Agricultural Co
(2,4-D, MCPP) Expedite 2 Way Ester; (dicamba,
MCPP, 2,4-D) Expedite 3 Way Amine
NOR-AM Chemical Co
(ethofumesate) Prograss
PBI/Gordon Corp
(2,4-D, MCPP, dicamba) Trimec Classic; (2,4-D,
2,4-DP, dicamba) Super Trimec; (2,4-D, MCPP,
dicamba, MSM) Trimec Plus; (MCPP, 2,4-D, dicamba)
Trimec Bentgrass; (MCPP, 2,4-D, dicamba)
Trimec Southern; (MCPP, MCPP, dicamba) Trimec
Encore; (MCPP) Mecomec; (2,4-D) Dymec
Rhone-Poulenc Ag Co
(24-DP & 24D) Chipco Weedone; (asulam) Asulox

Rockland Corp
(banvel D, 2,4-D) Triple D Granular; (2,4-D, MCPP,
dicamba) Three-Way
Sudbury Lawn & Garden Products
(2, 4-D, sodium salt) Killer Kane Kartridges
Turf & Nursery Supply Inc
UAP Special Products Inc
MecAmine - D; Four Power Plus
United Horticultural Supply

Herbicides, Preemergence

American Cyanamid Co
(imazaquin) Image
Andersons
Bonide Products Inc
(betasan, tupsersan, dacthal); (team)
Ciba-Geigy Corp
(metolachlor) Pennant; (metolachlor & simazine)
Derby; (simazine) Princep
DOTS (Distributors Own Turf Supplies)
(team, surflan, dacthal, tupsersan balan, excel) DOTS
DowElanco
(trifluralin/benifin) Team; (isoxaben) Gallery
Drexel Chemical Co
(sumazine) Drexel Simazine 4L; (atrazine) Drexel
Atrazine 4L
Grace-Sierra Horticultural Products Co
(benzenosol fonamide) Pre-San
Jonathan Green Inc
(combination products with fertilizers, Treflan) Team
ICI Americas Inc Professional Products
(propiconazole) Devrinol Ornamental Herbicide;
(EPTC) Eptam Ornamental Herbicide
ISK Biotech
(DCPA) Dacthal
Howard Johnson's Ent Inc
(team, dacthal, balan, oryzalin, tupsersan, betasan)
Lange-Stegmann Co
(fertilizer plus team) Lange
Lebanon Turf Products Div Lebanon Chemical Corp
(balan (benifin), betasan (bensulide), ronstar
(oxidiazon), team (benifin & trifluralin), gallery
(isoxaben)) Country Club; (balan (benifin), betasan
(bensulide)) Lebanon; (team (benifin, trifluralin))
Greenskeeper; (team (benifin, trifluralin)) Lebanon
Pro
LESCO Inc
Miles Chemical
(metribuzin) Sencor
Miles Inc
(metribuzin) Sencor 75
NOR-AM Chemical Co
(ethofumesate) Prograss
Rhone-Poulenc Ag Co
(oxidiazon) Chipco Ronstar



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Rockland Corp
(IBDU, milorganite, team) Exend with Team
O M Scott & Sons
HD Fertilizer Plus Turf Weedgrass Control/30-3-10;
HD Fertilizer Plus Dicot Weed Control III/32-4-3; Turf
Fertilizer Plus Preemergent Weed Control/22-0-6;
Nitrogen/Potassium Fertilizer Plus Preemergent
Control/14-0-14; Starter Fertilizer with PreEmergence
Weed Control/16-21-3; Turf Starter Plus RONSTAR/14-
21-10; St Augustine Weed Control & Fertilizer/28-3-3;
DMC Weed Control; Weedgrass Preventer; K-0-G
Weed Control; Goosegrass/Crabgrass Control;
Southern Weedgrass Control; Southern Weedgrass
Control; Turf Weedgrass Control; (wettable powder)
Weedgrass Control 60 WP; Fluid Broadleaf Weed
Control
Spring Valley Turf Products
(TEAM Sprayable) Spring Valley; Crab-Spray 10%
Stanford Seed Co
(tupsersan) Old English
Sudbury Lawn & Garden Products
(zinc, copper) Moss Master
Turf & Nursery Supply Inc

We were going to tell you lower-priced Roundup® gets more done for less.

But our customers said it better.

During a recent survey, we asked our customers for new ways they could use the time- and cost-savings of lower-priced Roundup® herbicide. After 2,361 responses like these, we realized we couldn't say it better.

"Best product since the shovel. Creates a clean landscape and makes my good job look better."

- **Orin Tidyman**, Supervisor
T & S Services, Germantown, WI

"It eliminates trimming totally. No more hand weeding. Thanks."

- **John A. Lucas**
President, Lakes Region Landscaping, Inc.
Laconia, NH

"My lawn mowing crews carry Roundup pre-mixed in a spray bottle, so they can treat grass and weeds in crack-n-crevice."

- **Mark Davis**, Owner, AAA Yard Care, Spokane, WA

"We use Roundup to trim around trees and prevent damage from line trimmers. This saves labor and money, not to mention trees."

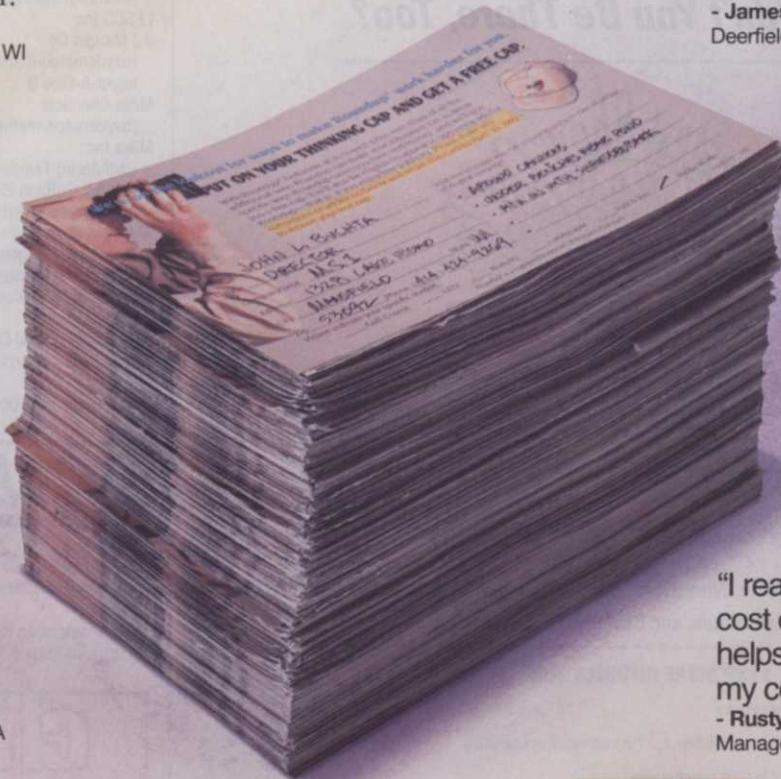
- **Slade Strickland**, Director of Parks Recreation and Landscape Development, Addison, TX

"We are going to expand a city-wide program to control vegetation growth on 75 miles of streets and sidewalks with Roundup."

- **H. Layton Paul**, Public Works Director
Thomasville, NC

"After treating with Roundup one time, I eliminate the use of a weed-eater all season."

- **James Rhoden**, Superintendent,
Deerfield Country Club, Weston, WV



"We just did a job for the airport and I didn't have to go back to see if it worked. Roundup always does."

- **Patricia Ann McCurry**
Owner, The Lawn Dr
Lawton, OK

"I really appreciate the lower cost of Roundup because it helps me hold the line on my contract jobs."

- **Rusty Holt**, Owner, Property Management Services, Greensboro, NC



ALWAYS READ AND FOLLOW LABEL DIRECTIONS FOR ROUNDUP HERBICIDE.
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Circle No. 125 on Reader Inquiry Card

1992 Conference Theme:

"GOING FOR THE GREEN"

1200 Turfgrass Professionals

Will Gather in Atlanta

December 8-10

to Hear the Experts.

Shouldn't You Be There, Too?



Airport Hyatt ■ Atlanta, Georgia

Trade Show, Workshops, and Seminars on Turfgrass,
Landscape, and Business Management

YES! PLEASE SEND MORE INFORMATION.

Check appropriate boxes:

- I'm interested in exhibiting I'm interested in attending
 I'm interested in GTA membership

Name _____

Company _____

Address _____

City/State/Zip _____

Phone _____

DETACH AND MAIL TO:

Georgia Turfgrass Association, 5198 Ross Road, Acworth, GA 30102
Phone: 404-975-4123

Circle No. 111 on Reader Inquiry Card

Control Products

continued

UAP Special Products Inc
Weedgrass Control; Team; XL; Balan; Casaron;
Surflan
Uniroyal Chemical Co
(dichlobenil) Casoron
United Horticultural Supply

Insecticides, Tree/Ornamental

Abbott Laboratories
(bacillus thuringiensis) DIPEL
Bonide Products Inc
(diazinon, malathion, cygon, disyston, sevin,
methoxychlor, imidan, lindane, dursban) Bonide
Cleary Chemical Corp
(carbaryl) Cleary's Sevin-SL; Cleary's 2.5% Dursban
Creative Sales Inc
(acephate insecticide) ACECAP 97
DowElanco
(chlorpyrifos) Pageant
Drexel Chemical Co
(diazinon) Drexel Diazinon; (methoxychlor) Drexel
Methoxychlor; (malathion) Drexel Malathion; Drexel
Carbaryl 4L
FMC Corp Ag Chem Group
(bifenthrin) Talstar
Jonathan Green Inc
Sevin 4L (Carbaryl)
Kincaid Enterprises Inc
(methoxychlor) Mariate 50
LESCO Inc
J J Maugel Co
(oxydemeton-methyl) Inject-A-Cide; (dicrotophos)
Inject-A-Cide B
Miles Chemical
(oxydemeton-methyl) Metasystox; (cyfluthrin) Tempo
Miles Inc
(cyfluthrin) Tempo; (disulfoton) Di-syston; (azinophos-
methyl) Guthion 2S; (oxythioquinox) Morestan 4;
(oxydemeton-methyl) Metasystox-R2
Mycogen Corp
(bacillus thuringensis var San Diego) M-ONE
Insecticide; (encapsulated delta endotoxin of bt var
kurstaki) MVP Bioinsecticide; (fatty acids) M-Pede
Insecticide
NOR-AM Chemical Co
(bendiocarb) Turcam & Turcam 2-1/2G
PBI/Gordon Corp
(o,o-dimethyl o-phosphorothioate) Pestray



Prentiss Inc
(diazinon, methoxychlor, lindane, chlorpyrifos)
Prentox
Rhone-Poulenc Ag Co
(carbaryl) Chipco Sevimol



Ringer Corp
(potassium salts of fatty acids) Aphid-Mite Attack
Rockland Corp
(superior oil) Horticultural Spray Oil
Turf & Nursery Supply Inc
UAP Special Products Inc
Malathion; Safer; Carlsaryl; Mavrik
Uniroyal Chemical Co
(diflubenzuron) Dimilin
United Horticultural Supply
Valent USA Corp
(acephate) ORTHENE Turf, Tree & Ornamental Spray;
(fenpropathrin) Tame
Whitmire Research Labs Inc
(pyrethrum) PT 1133 Pyreth-It; (microencapsulated
diazinon) PT 1500R Knox Out; (microencapsulated
pyrethrum) PT 1600A X-clude

ORTHENE® will keep unwanted pests off your turf.

Trying to control a broad range of tough turf pests like mole crickets, fireants, fleas, chinch bugs and the worm complex is no day at the beach. That's why you should use ORTHENE®.

ORTHENE kills both on contact and with long-lasting systemic action, and

can be applied to lawns, ornamentals, shrubs, even trees. You can also combine ORTHENE with many miticides and fungicides for more effective pest and disease control with just one application.

ORTHENE is waterproof within 24 hours, and its chemical structure allows it to break down quickly, eliminating the threat of harmful buildup in the soil.

Throw a party your toughest turf pests will never recover from, with ORTHENE Turf, Tree and Ornamental Spray.

ORTHENE® Turf, Tree & Ornamental Spray

For safety, always read and follow label directions. © 1992 Valen U.S.A. Corp.
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Circle No. 143 on Reader Inquiry Card

THROW A KILLER LAWN PARTY.



Control Products

continued

Insecticides, Turf

Abbott Laboratories
(bacillus thuringiensis) DIPEL
American Cyanamid Co
(hydramethylnon) AMDRO
Andersons
Tee Time
Bonide Products Inc
(dixol, oftanol, sevin, diazinon, dursban) Bonide
Ciba-Geigy Corp
(isazophos) Triumph; (fenoxycarb) Award
Cleary Chemical Corp
(carbaryl) Cleary's Sevin SL; Cleary's 6.3% Sevin;
(chlorpyrifos) Cleary's 2.5 Dursban
DOTS (Distributors Own Turf Supplies)
(diazinon, carbaryl, dycox, oftanol dursban granules
& w/ fert) DOTS
DowElanco
(chlorpyrifos) Dursban WSP
Drexel Chemical Co
(chlorophos) Drexarlawn Gr; (carbaryl) Drexar
Carbaryl
Jonathan Green Inc
Dursban, Dylox, Sevin, Turcam
ICI Americas Inc Professional Products
(fonofos) Crusade 5G
Howard Johnson's Ent Inc
(dursban, diazinon, oftanol, sevin, turcam)
Kincaid Enterprises Inc
(methoxychlor) Marlite 50
Lebanon Turf Products Div Lebanon Chemical Corp
(dursban (chlorpyrifos), oftanol (isofenfos), sevin
(carbaryl) Country Club; (dursban (chlorpyrifos),
oftanol (isofenfos)) Lebanon Pro; (dursban
(chlorpyrifos), oftanol (isofenfos), dylox (dimethyl
phosphonate), diazinon, sevin (carbaryl)) Lebanon;
(dursban (chlorpyrifos)) Greenskeeper
LESCO Inc
Miles Chemical
(trichlorfon) Dylox; (isofenphos) Oftanol
Miles Inc
(isofenphos) Oftanol; (trichlorfon) Dylox 80
Myogen Corp
MVP, M-Pede
NOR-AM Chemical Co
(bendiocarb) Turcam; (trichlorfon) Proxol
PBI/Gordon Corp
(carbaryl) Carbamec; (dimethyl) Pronto
Prentiss Inc
(chlorpyrifos, lindane) Prentox
Rhone-Poulenc Ag Co
(ethoprop) Chipco Mocap; (carbaryl) Chipco Sevimol



Riverdale Chemical Co
(diazinon) 5% Diazinon Insect Killer Granules
Rockland Corp
(oftanol) Grub-Out
O M Scott & Sons
Turf Fertilizer Plus Insecticide III/18-3-6; Insecticide I;
Insecticide III; Insecticide IV; Insecticide VI; Fluid
Insecticide
Stanford Seed Co
(oftanol) Old English
Turf & Nursery Supply Inc
UAP Special Products Inc
Turcam; Durshan; Sevin 10G; Carbaryl; Diazinon;
Triumph
United Horticultural Supply
Valent USA Corp
(acephate) ORTHENE Turf, Tree & Ornamental Spray

Miticides

Bonide Products Inc
(kelthane, cygon, disyston) Bonide
Miles Chemical
(oxythioquinox) Morestan
Myogen Corp
M-Pede; Sunspray UFO

Ringer Corp
(potassium salts of fatty acids) Aphid-Mite Attack
UAP Special Products Inc
Pentac; Orthene
Uniroyal Chemical Co
(propargite) Ornimate
United Horticultural Supply
Valent USA Corp
(fenpropathrin) Tame
Whitmire Research Labs Inc
(bifenthrin) PT 1800 Attain

Mulches & Erosion Control

Agro Diversified Industries
Agro Tack AR; Agro Tack MP
ArborGuard Industries
Becker-Underwood Inc
Mulch Magic; Hydro Colorant Green WSP
Briargreen Inc
(polymer adhesive) Erobond; (wood fiber) Erofiber;
(wood fiber) Erofiber XC; (moisture retention agent)
Stay Moist
Carolina Mulch Co
(baled pine needles, Suwannee River pinestraw)
Pinestraw
Contech Construction Products Inc
(needle punched, nonwoven, virgin polyester
geotextile fabrics) Terra Bond Polyester
Easy Gardener Inc
(landscape fabric) Weed Block
Finn Corp
(synthetic fiber additive) Fiber Plus; (tackifier) Hydro-
Stick
Garick Corp/Landscapers Wholesale Inc
(hardwood, pine, cypress)
Jonathan Green Inc
Jonathan Green Hydroseeding Fibermulch, Hydro-
Green Tackifier, Super Tackifier
Lun-Drain Co
(geotextile ground covers) Frost Guard; (prefabricated
drainage system) Lun-Drain
National Bark Sales
(nonorganic product in natural state) Montaro
Shredded Cedar Bark
Reclamare Co
(dry powder & liquid tackifiers) J-tac; (dry powder &
liquid tackifiers) Marloc
Soil Seal Corp
(soil polymer) Soil Seal Concentrate
Stanford Seed Co
(crownwet) Old English
TGM Inc
(mulch binder) Landtack
United Horticultural Supply
Weyerhaeuser
Silva-Fiber; Silva-Fiber Plus; Silva-Blend

Nematicides

Bonide Products Inc
(vapam) Bonide
Finn Corp
(concentrated dye) Green Plus
Green Pro Services
(parasitic nematodes) Scanmask
Miles Chemical
(fenamiphos) Nemacur
Miles Inc
(phenamiphos) Nemacur
Rhone-Poulenc Ag Co
(ethoprop) Chipco Mocap



UAP Special Products Inc
Nemacur
United Horticultural Supply

Odor Neutralizer

Bonide Products Inc
(odor control) Bonide
Epolon Corp
(various organic compounds) N-100; (various organic
compounds) N-7C
Rockland Corp
Mask-It

Repellents, Animal

Bonide Products Inc
Bonide Rabbit & Deer Repellent; Bonide Dog & Cat
Repellent
Burlington Scientific Corp
RoPel
Cleary Chemical Corp
(thiram) Spotrete
IntAgra Inc
(putrescent whole egg solids) Deer-Away Big Game
Repellent
LESCO Inc
Hot Sauce Animal Repellant
Rockland Corp
(eggs) Deer Guard; (fatty acids) Hinder
Sudbury Lawn & Garden Products
(methyl nonyl ketone) Get Off My Garden, Chaperone
Indoor/Outdoor Dog & Cat Repellent; (thiram) Rabbit
& Deer Repellent; (naphthalene) Squirrel & Bat
Repellent; (bromadiolone) Just One Bite Rat & Mouse
Bait
Uniroyal Chemical Co
(ammonium soap) Hinder

Soil Amendments

Amereq Inc
Viterra; Gelscape; Viterra ROOT-DIP
Aquatrols Corp of America Inc
(copolymer acrylamide acrylate) SuperSorb C & F
Arctech Inc
(organic humic-acids) Professional Actosol
Bonide Products Inc
Soil Mineralizer/Compost Maker; Soil Sulfur/Thatch
Eradicator
Dakota Peat & Blenders Inc
(peat moss) Dakota Peat
DOTS (Distributors Own Turf Supplies)
(natural turf repair) DOTS
Emerald Isle Ltd
(granular sea plant meal) Sand-Aid
Four Star Services Inc
(ammonium laurate sulfate) Pene-Turf

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For Golf Courses,
Athletic Fields
& Lawns

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- Combats erosion
- Aids drainage
- Improves root development & nutrient uptake
- University tested

Garick Corp/Landscapers Wholesale Inc
(co-polymer) Soil Moist
Jonathan Green Inc
(liquid limestone substitute, pelletized gypsum) Super-
Cal; (granular, pulverized, pelletized limestones)
Green Pro Services
(humic acid) Vita Build
Greensmix Soilblenders
(custom soil blenders) Greensmix
Gro-Power Inc
Gro-Power
Harmony Products
(composted poultry manure) Harmony 3-6-3 Soil &
Turf Food
Humate Intl Inc
(humic acid) Humate
Innova Corp
(porous ceramic soil amendment) Isolite

OFTANOL USERS KNOW THE BEST WAY TO OUTSMART GRUBS IS WITH A LITTLE EXTRA HOMEWORK.

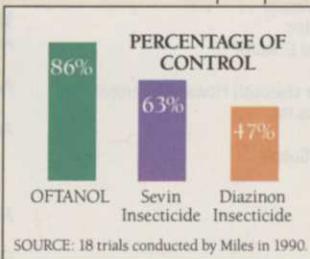
Getting rid of grubs that attack your customers' lawns can be pretty tricky sometimes. Unfortunately, simply treating against these destructive pests doesn't always guarantee success.

But many lawn care operators have learned that all it takes to outsmart grubs is a little preparation—finding the right product and the right time of year to make the application. The product is OFTANOL Insecticide. Studies show that time after time, OFTANOL provides grub control. And delivers better control

than other widely used products such as Sevin® and Diazinon Insecticides.

The right time to apply it? That will vary from region to region. But a good rule of thumb is

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to treat with OFTANOL when grubs are at or near the surface. An easy way to check is by just pulling back a bit of sod and looking for an infestation. Or call your local Extension office to determine peak periods of grub feeding in your area.

These are, of course, just the basics of effective grub control. If you'd like to learn more about OFTANOL and its proper usage, contact your local Miles representative. Or just give us a call at (800) 842-8020. One of our trained pro-

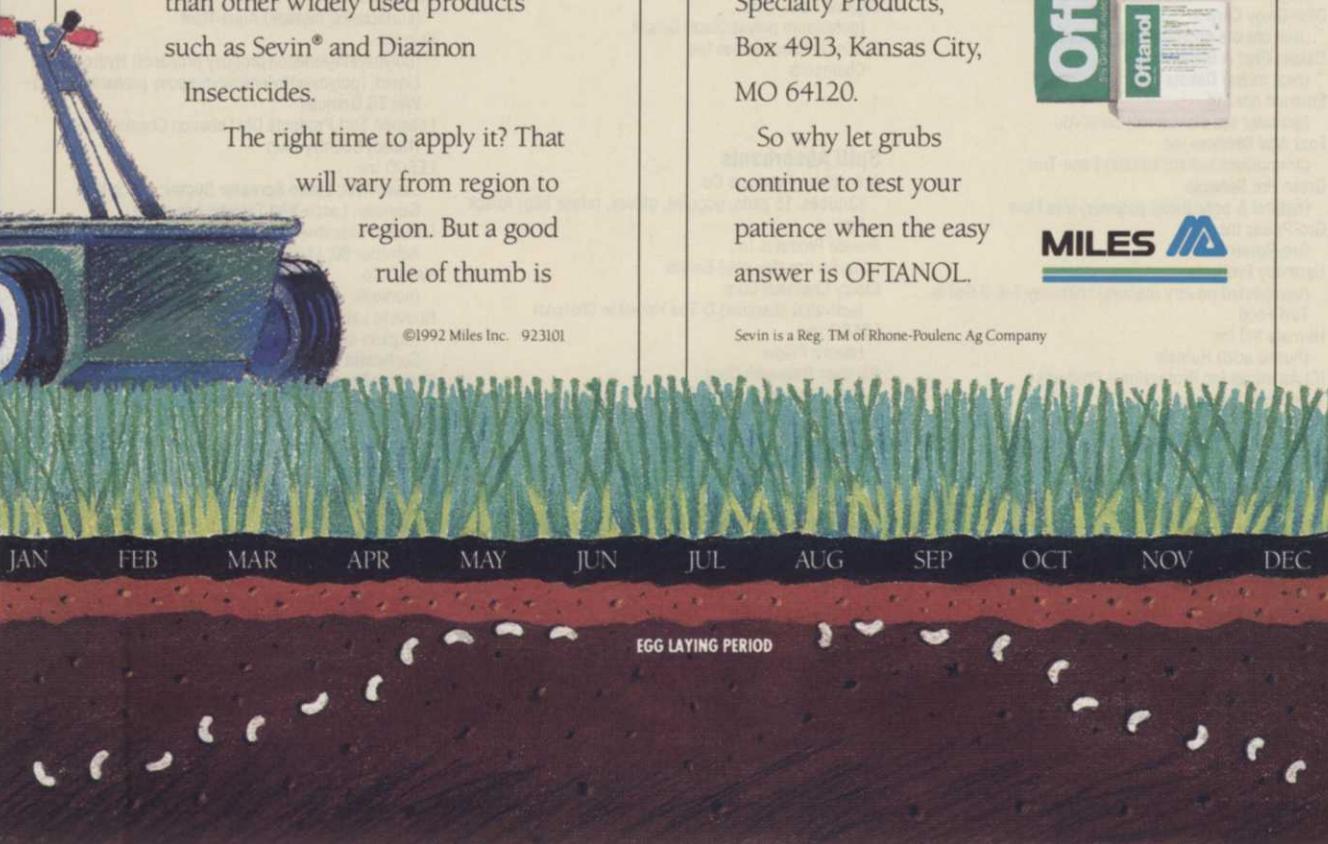
fessionals will be standing by to answer your questions. Miles Inc., Specialty Products, Box 4913, Kansas City, MO 64120.

So why let grubs continue to test your patience when the easy answer is OFTANOL.



MILES

Sevin is a Reg. TM of Rhone-Poulenc Ag Company



Control Products

continued

JRM Chemical Inc
(polyacrylamide) SOIL MOIST
Kurt Bros Inc
(leaves, grass clippings, brush) Nature's Blend
Compost
LESCO Inc
Lesco Spreader Sticker; Lesco-Wet; Lesco-Wet Granular; Lesco-West Tablets; Accu-Wet;
Professional Soil Bioinoculant
Limestone Products Corp
(pulverized & pelletized limestone) Lime Crest;
(granular limestone) Lime Crest Easy Spread
Nature's Touch
(catalytic enzymes - reduces salts) Relief
Nouvelle Laboratories Inc
(mixture of fulvic & humic acids) Biostim Humic Acid
OHP Intl Inc
(humate, micronutrients) Ferto
Partac Peat Corp
(clay mixes) Beam Clay; (organic binding agent)
Stabilizer
ROOTS Inc
(peat humus, kelp, micronutrients) ROOTS Concentrate; (peat humus, kelp, iron) ironROOTS Concentrate
O M Scott & Sons
(minor element package) STEP; Sulfur
Southern Importers Inc
(Canadian sphagnum peat moss, perlite, vermiculite)
Southland
Southern Turf Nurseries
(calcine clay) Terra Green
Stockhausen Inc
(superabsorbent polymers) Stockosorb
UAP Special Products Inc
Turfade
United Horticultural Supply

Soil Conditioner

Aabaco Industries Inc
(humic acid) Luma-Plex
Arctech Inc
(organic humic-acids) Professional Actosol
Ciba-Geigy Corp
(iron chelate micronutrient) Sprint
Dakota Peat & Blenders Inc
(peat moss) Dakota Peat
Emerald Isle Ltd
(granular sea plant meal) Sand-Aid
Four Star Services Inc
(ammonium laureth sulfate) Pene-Turf
Green Pro Services
(natural & polyethoxy polymer) Vita Flow
Gro-Power Inc
Gro-Power Plus
Harmony Products
(composted poultry manure) Harmony 3-6-3 Soil & Turf Food
Humate Intl Inc
(humic acid) Humate
ICI Americas Inc Professional Products
(activated charcoal) Gro-Safe
Karsten Turf Inc
(natural enzymes, bacteria, humates, etc) Turf Anser Products
Kurtz Bros Inc
(composted municipal sludge) Technagro
LESCO Inc
Lesco-Wet; Lesco Spreader Sticker; Lesco-Wet Granular; Lesco-Wet Tablets; Accu-Wet; Professional Soil Bioinoculant
Limestone Products Corp
(garden gypsum) Lime Crest
Loveland Industries Inc
Turfwetter
National Bark Sales
(all organic with 1% nitrogen) Top N' Turf
Nature's Touch
(micro biological extracts speeds penetration & hold H2O) Nutra Aid II
OHP Intl Inc
(humate, micronutrients) Ferto

Partac Peat Corp
(calcined montmorillonite) Terra-Green; (heat treated sand, soil, peat) Partac
PBI/Gordon Corp
(urea nitrogen & dairy manure) Bov-A-Mura
Precision Laboratories Inc
Liqui-Cal
Soil Technologies Corp
(polysaccharide) TURFTech
Southern Importers Inc
(aqua grow wetting agent) Southland
Southern Turf Nurseries
(calcine clay) Terra Green
United Horticultural Supply

Soil Fumigants

Bonide Products Inc
(vapam)
Hendrix & Dail Inc
(methyl bromide chloropicrin) MBC; (methyl bromide chloropicrin) MBC-Conc; (methyl bromide chloropicrin) MBC-33
ICI Americas Inc Professional Products
(metam-sodium) Vapam
Loveland Industries Inc
(dazomet) Basamid Granular
Trebor Corp
(activated flowable charcoal) Flowable Charcoal
UAP Special Products Inc
Basamid
United Horticultural Supply

Sorbents

Finn Corp
Hydro-Gel
International Absorbent Marketing Inc
(starch superabsorbent) Sta-Wet
3M/Occupational Health & Environmental Safety
(polypropylene microfiber) 3M Brand Oil Sorbent;
(polypropylene microfiber) 3M Brand Chemical Sorbent; (polypropylene microfiber) 3M Brand Spill Kit
Organic Lawn Care
(potassium polyacralate) Gelsall
Precision Laboratories Inc
Chemsorb

Spill Absorbants

Arborchem Products Co
(3-tubes, 15 pads, goggles, gloves, refuse bag) Attack Pac
Bonide Products Inc
(quick dry clay cob) Bonide
Cleary Chemical Corp
(activated charcoal) D-Tox Flowable Charcoal
LESCO Inc
Hazor Pillow
Parkway Research Corp
(polymeric absorbant) Parcosorb
Precision Laboratories Inc
Spill Response Drum; Kit; Station
Spectrum Technologies Inc
(expanded silicate) Hazorb
Trebor Corp
(polymer starch) Soak-Up

Sticker/Extender

Bonide Products Inc
(spreader-sticker, latron B-1956) Bonide
Cleary Chemical Corp
(acrylic polymer) Clearspray
Finn Corp
Hydro-Stick
Kalo Inc
(alkylarylpolyethoxy ethanol) Biofilm
LESCO Inc
Lesco Spreader Sticker

Loveland Industries Inc
Bond; Plyac
Precision Laboratories Inc
Chem-Stik
Rockland Corp
Spreader Sticker
Soil Seal Corp
(soil polymer) Soil Seal Concentrate
Turf & Nursery Supply Inc
UAP Special Products Inc
Bond
United Horticultural Supply

Tree Dressings

Arborchem Products Co
Tree Paint
Bonide Products Inc
(tree wound bomb) Bonide; (grafting spray) Bonide
Easy Gardener Inc
(tree protector shield) Bark Gard; Tree Wrap
United Horticultural Supply

Wetting Agents

Aabaco Industries Inc
(polyoxyethylene surfactants) Luma-Hydra
Amereq Inc
Aquatrant
Aquatrol Corp of America Inc
(polyoxyethylene esters of cyclic acids, polyoxyethylene ethers of alkylated phenols, silicone antifoam emulsion) AquaGro
Arborchem Products Co
(nonionic surfactant) Arborchem
Cleary Chemical Corp
(ethoxylated fatty esters & oils) Super Wet;
(ethoxylated fatty esters & oils) Super Wet 15G
Drexel Chemical Co
Surfac 820
Grace-Sierra Horticultural Products Co
(non-ionic surfactants) Hydraflo
Gro-Power Inc
Gro-Power Plus
Humate Intl Inc
(surfactants, humate) Aqua-Root
Kalo Inc
(polyoxyethylenepolypropoxy propanol) Hydro-Wet Liquid; (polyoxyethylenepolypropoxy propanol) Hydro-Wet TG Granular
Lebanon Turf Products Div Lebanon Chemical Corp
(Naiad) Country Club
LESCO Inc
Lesco-Wet; Lesco Spreader Sticker; Lesco-Wet Granular; Lesco-Wet Tablets; Accu-Wet
Loveland Industries Inc
Activator 90; LI-700; Activator NF; Silwet L-77
NAIAD Co
(nonionic wetting agent) NAIAD
Nouvelle Laboratories Inc
(organico-siloxane) Venom; (organico-siloxane) Surfactant
Parkway Research Corp
(nonionic surfactants) Wet Foot
PBI/Gordon Corp
(fatty ester of aliphatic omega hydroxypoly) Aqua Zorb; (modified polyoxalkylene) Turf Sorb
Precision Laboratories Inc
Paragon
ROOTS Inc
(sarsaponin schidiger) Noburn

NOBURN

NATURAL WETTING AGENT

O M Scott & Sons
Hydrozyme Wetting Agent
Turf & Nursery Supply Inc
UAP Special Products Inc
Aquatrel
United Horticultural Supply

LESCO

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AFTERMARKET REPLACEMENT PARTS - HAND HELD POWER EQUIPMENT**

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LESCO, Inc. - 20005 Lake Road, Rocky River, OH 44116-1545

Circle No. 119 on Reader Inquiry Card



4. Chemical Companies

Aabaco Industries Inc
10501 NW 50 St
#102
Sunrise FL 33351
305-749-1555
Fax 305-749-6221

Abbott Laboratories
14th & Sheridan Rd
North Chicago IL 60064
312-937-6100

Agro Diversified Industries
3W Chimney Rock Rd
Bound Brook NJ 08805
908-805-9336
Fax 908-805-9383

Amereq Inc
50 N Harrison Ave
Congers NY 10920
800-832-8788
Fax 914-268-2122

★ American Cyanamid Co
One Cyanamid Plaza
Wayne NJ 07470
201-831-2000
800-452-1289
Fax 201-852-3911

Andersons
1200 Dussel Dr
Maumee OH 43537
800-225-2639

Aquashade Inc
PO Box 198
Eldred NY 12732
914-557-8077
Fax 914-557-8015

Aquatrols Corp of America Inc
5 N Olney Ave
Cherry Hill NJ 08003
800-257-7797
Fax 609-751-3859

Arborchem Products Co
PO Box 1567
Fort Washington PA 19034
215-659-7922
Fax 215-784-1366

Arbor Grove Inc
16 Passaic Ave
Fairfield NJ 07004
201-808-1804
Fax 201-808-1809

ArborGuard Industries
10787 Big Bone Church Rd
Union KY 41091
606-384-3276
800-283-6852
Fax 606-384-3200

Arbor Systems Inc
PO Box 34645
Omaha NE 68134
402-571-9786

Arcadian Corp
Triazone
6750 Poplar Ave
Ste 600
Memphis TN 38138-7419
901-758-5222
Fax 901-758-5206

Arctech Inc
5390 Cherokee Ave
Alexandria VA 22312
703-642-4190
Fax 703-642-4021

BASF Corp
Agricultural Products Group
PO Box 13528
Research Triangle Park NC 27709-3528
919-361-5300
Fax 919-361-2296

Becker-Underwood Inc
801 Dayton Rd
Ames IA 50010
800-232-5907
Fax 515-232-5961

Bio Plus Mfg Inc
2550 Abarr Dr
Loveland CO 80538
303-667-3127
Fax 303-667-4627

Bonide Products Inc
2 Wurz Ave
Yorkville NY 13495
315-736-8231
Fax 315-736-7582

Briargreen Inc
PO Box 6639
Kent WA 98064
206-630-5024
Fax 206-630-9124

Burlington Scientific Corp
222 Sherwood Ave
Farmingdale NY 11735-1718
516-694-9000
Fax 516-694-9177

Carolina Mulch Co
PO Box 11451
Charlotte NC 28220
704-525-1442

Cedar Chemical Corp
5100 Poplar Ave Ste 2414
Memphis TN 38137
800-227-2798
Fax 901-684-5398

CelPril Industries
251 Oak St
Manteca CA 95336
209-823-1738

CFS Specialty Div
Rte 2 Box 24
Cashton WI 54619
608-654-5123
800-822-6671
Fax 608-654-5696

Ciba-Geigy Corp
PO Box 18300
Greensboro NC 27419
919-547-1160
Fax 919-547-1164

Cleary Chemical Corp
178 Rte 522
Ste A
Dayton NJ 08810
908-329-8399
Fax 908-274-0894

Clifford Sales & Marketing
44 Granada Way
St Louis MO 63124
314-432-5806
Fax 314-997-5375

Contech Construction Products Inc
207 Orchard Ave
Belle Vernon PA 15012
412-929-2111

CoRoN Corp
113 E Reliance Rd
Souderton PA 18964
215-723-5099
800-338-0836
Fax 215-721-2800

Creative Sales Inc
222 N Park Ave
Fremont NE 68025
402-727-4800
Fax 402-727-4841

Dakota Peat & Blenders Inc
PO Box 5438
Grand Forks ND 58206
701-746-4300
Fax 218-773-3151

Davey Tree Expert Co
1500 N Mantua St
Kent OH 44240
216-673-9511
Fax 216-673-9843

Doggett Corp
31 Cherry St
Lebanon NJ 08833
908-236-6336
Fax 908-236-7716

DOTS (Distributors Own Turf Supplies)
161 W Wisconsin Ave Ste 4000
Milwaukee WI 53203-2602
800-345-DOTS

★ DowElanco
9002 Purdue Rd
Quad IV
Indianapolis IN 46268-1189
317-871-8275
Fax 317-871-8626

Drexel Chemical Co
2487 Pennsylvania St
Memphis TN 38109
901-774-4370
Fax 901-774-4666

E I DuPont de Nemours & Co
1007 Market St
Wilmington DE 19898
302-992-6161

Easy Gardener Inc
3016 Mary St
Waco TX 76706
800-327-9462
Fax 817-753-5372

Emerald Isle Ltd
2153 Newport Rd
Ann Arbor MI 48103
313-662-2727
800-628-GROW
Fax 313-747-6617

Now, landscapers everywhere can be good in beds.



Introducing PENDULUM™ from American Cyanamid, the preemergent for outstanding over-the-top weed control at an unbeatable price.

It doesn't take much effort, time, or expense to be good in beds these days. Not when you have a little help from new PENDULUM™ WDG herbicide.

PENDULUM is a preemergent herbicide that gives you excellent weed control—without the weeding. It's highly effective against most annual grasses and many broadleaf weeds, controlling them as they germinate. Before they become a problem.

At the same time, new PENDULUM is gentle on your bedding plants. Just spray it over-the-top of established trees, shrubs, even sensitive flowers and ground covers.

Its active ingredient, pendimethalin, can be applied safely to labeled ornamentals for proven performance and consistent results.

And, because PENDULUM costs less per treatment than Surflan¹ and other preemergents, you get highly cost-effective control all season long.

This season, try new PENDULUM, for over-the-top weed control that will make you good in beds.



CYANAMID
American Cyanamid Company
Agricultural Division
Vegetation and Pest Control
Wayne, NJ 07470
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PENDULUM™
WDG herbicide

Good in beds.

Available from Wilbur-Ellis Co. and your local Terra location.
For more information and the distributor nearest you, call 1-800-452-1289.

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Chemical companies

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Epoleon Corp
3858 Carson St
Ste 121
Torrance CA 90503
310-316-4242
Fax 310-316-4463

★ Finn Corp
9281 LeSaint Dr
Fairfield OH 45014
800-543-7166
Fax 513-874-2914

FMC Corp
Ag Chem Group
2000 Market St
Philadelphia PA 19103
215-299-6000

Forestry Suppliers Inc
205 W Rankin St
Jackson MS 39201-6126
601-354-3565
800-647-5368
Fax 601-355-5126
Fax 800-543-4203

Four Star Services Inc
2275 N State Rd 1
PO Box 463
Bluffton IN 46714
219-824-5384
800-348-2608
Fax 219-824-1534

Garfield Williamson Inc
9 Stewart Pl
Fairfield NJ 07004
201-882-7755
Fax 201-882-7750

Garick Corp/Landscapers Wholesale Inc
13532 Broadway Ave
Garfield Heights OH 44125
216-581-0100
Fax 216-581-4712

Grace-Sierra Horticultural Products Co
1001 Yosemite Dr
Milpitas CA 95035
800-492-8255
Fax 408-262-8944

Great Lakes Biochemical Co
6120 W Douglas Ave
Milwaukee WI 53218
414-464-1200
Fax 414-464-8222

Great Salt Lake Minerals Corp
8300 College Blvd
Overland Park KS 66210
913-344-9302
Fax 913-338-7919

Green Graphics
PO Box 1865
Corrales NM 87048-1865
800-544-8523
Fax 505-898-2181

Jonathan Green Inc
Squankum-Yellowbrook Rd
PO Box 326
Farmingdale NJ 07727
908-938-7007
Fax 908-938-5788

Green Pro Services
380 S Franklin St
Hempstead NY 11550
800-645-6464
Fax 516-538-2042

Greensmix Soilblenders
E3481 Hwy 22 & 54
Waupaca WI 54981
715-258-8566
Fax 715-258-8750

Gro-Power Inc
PO Box 4907
El Monte CA 91734
213-245-6849
Fax 818-443-9514

Growth Products Ltd
PO Box 1259
White Plains NY 10602
914-428-1316
800-648-7626
Fax 914-428-2780

★ Gustafson Inc
PO Box 660065
Dallas TX 75266
214-985-8877
Fax 214-985-1696

Harmony Products
2121 Old Greenbrier Rd
Chesapeake VA 23320
804-523-2849
800-323-6343
Fax 804-523-9567

Helena Chemical Co
6075 Poplar Ave Ste 500
Memphis TN 38119
901-761-0050

Hendrix & Dail Inc
PO Box 589
Oxford NC 27565
919-693-4132
Fax 919-693-8787

Hoechst-Roussel Agri-Vet Co
Rte 202-206
Somerville NJ 08876-1258
908-231-4084
Fax 908-231-4452

Humate Intl Inc
600 N Ellis Rd
Jacksonville FL 32205
904-783-6396
Fax 904-781-6512

ICI Americas Inc
Professional Products
Wilmington DE 19897
800-759-4500
Fax 302-886-1644

Innova Corp
8670 Wolff Ct
Ste 170
Westminster CO 80030
303-426-4383
800-533-7165
Fax 303-426-5403

IntAgra Inc
8500 Pillsbury Ave S
Minneapolis MN 55420
612-881-5535
800-INTAGRA
Fax 612-881-7002

International Absorbent Marketing Inc
W 1000 Silver Rd
Smelterville ID 83868
208-784-1178
Fax 208-786-2911

★ ISK Biotech
5966 Heisley Rd (44060)
PO Box 8000
Mentor OH 44061-8000
216-357-4100
Fax 216-354-9506

Howard Johnson's Ent Inc
161 W Wisconsin Ave
PO Box 2990
Milwaukee WI 53201
414-276-4656
Fax 414-276-4184

JRM Chemical Inc
13600 Broadway Ave
Cleveland OH 44125
800-962-4010
Fax 216-475-6517

Kalo Inc
4550 W 109 St
Overland Park KS 66211
913-491-9125
Fax 913-491-9146

Karsten Turf Inc
2201 W Desert Cove
Phoenix AZ 85029
602-870-5598
Fax 602-943-1966

Kincaid Enterprises Inc
Plant Rd
PO Box 549
Nitro WV 25143
304-755-3377
Fax 304-755-4547

KLM Bio Systems Inc
6667 W Old Shakopee Rd
Ste 101
Bloomington MN 55438
612-884-4081

Knox Fertilizer Co
PO Box 248
Knox IN 46534
219-772-6275
Fax 219-772-5878

Kurtz Bros Inc
4700 E 49 St
Cleveland OH 44125
216-641-9999
Fax 216-341-9331

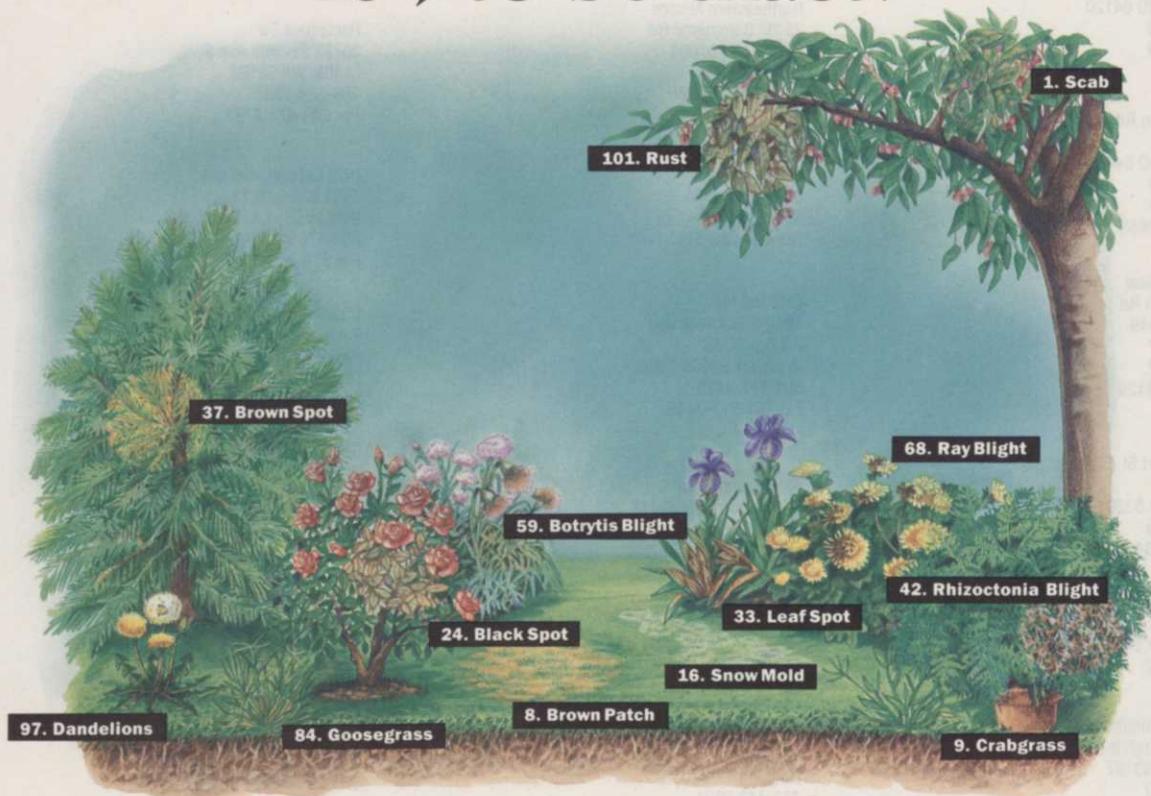
Lange-Stegmann Co
One Angelica St
St Louis MO 63147
314-241-9531
Fax 314-241-1819

★ Lebanon Turf Products
Div Lebanon Chemical Corp
1600 E Cumberland St
Lebanon PA 17042-0180
717-273-1685
Fax 717-273-9466

★ LESCO Inc
20005 Lake Rd
Rocky River OH 44107
216-333-9250
800-321-5325
Fax 216-333-6832

Limestone Products Corp
PO Box 217
Sparta NJ 07871
201-383-2000
Fax 201-383-8021

Use the Turf Care® Pros for any number of growing problems. 104 to be exact.



Professionals count on the Turf Care Pros. To treat diseases, Daconil 2787® is the cornerstone of your management program. The broadest-spectrum fungicide on the market, it controls 12 major turf and the major ornamental diseases. And there's never been a documented case of disease resistance to Daconil 2787.

For pre- and postemergent herbicide control of annual grasses and broadleaf weeds, it's Dacthal® and Daconate 6.® On pesky broadleaf weeds, use 2 Plus 2.



Always follow label directions carefully when using turf chemicals.

*Roundup is a registered trademark of Monsanto Company.

And round out your program using Frigate® with Roundup* to control perennial and annual weeds. Together with Daconil, they all create a complete professional management program.

When it comes to turf and ornamental care, count on the Turf Care Pros. And count out diseases and weeds — 104 to be exact.

ISK Biotech Corporation, Turf & Specialty Products Division, 5966 Heisley Road, P.O. Box 8000, Mentor, OH 44061-8000.

Chemical companies

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Loveland Industries Inc PO Box 1289 Greeley CO 80632-1289 303-356-8920 Fax 303-356-8926	National Bark Sales 1365 N Orchard St Boise ID 83707 208-375-0656 Fax 208-322-1720	Plant Marvel Laboratories Inc 371 E 16th Chicago Heights IL 60411 708-757-7500 Fax 708-757-5224
J J Mauget Co 2810 N Figueroa St Los Angeles CA 90065 213-227-1482	Nature's Touch 11150 Addison Franklin Park IL 60131 708-455-8600 Fax 708-455-6902	Precision Laboratories Inc PO Box 127 Northbrook IL 60065 800-323-6280 Fax 708-498-1176
Medi-Ject Tree Injection Systems 520 Eldora Lane Lincoln NE 68505 402-467-5926	NOR-AM Chemical Co 3509 Silverside Rd PO Box 7495 Wilmington DE 19803 302-575-2000	Prentiss Inc CB 2000 Floral Park NY 11002-2000 516-326-1919 Fax 516-326-2312
Miles Chemical PO Box 4913 Kansas City MO 64120 816-242-2305 816-242-2333	Northeastern Assoc 23 "I" Commerce Rd Fairfield NJ 07004 201-227-0359 Fax 201-227-0865	Reclamare Co 20727 Seventh Ave S Seattle WA 98198 206-824-2385 Fax 206-824-6798
★ Miles Inc 8400 Hawthorn Rd PO Box 4913 Kansas City MO 64120 816-242-2000 800-842-8020 Fax 816-242-2659	Nouvelle Laboratories Inc PO Box 1931 Stuart FL 34995 407-286-9526 Fax 407-286-8113	RGB Laboratories Inc 1531 Charlotte St Kansas City MO 64108 800-879-4766 Fax 816-842-7191
Milliken Chemical 1440 Campton Rd Inman SC 29349 803-472-7287 800-845-8502 Fax 803-472-4129	OHP Intl Inc 1000 S Colorado Ave PO Box 52000 Provo UT 84605-2000 801-377-3400 Fax 801-377-3445	Rhone-Poulenc Ag Co 2 Alexander Dr Research Triangle Park NC 27709 919-549-2000 Fax 919-549-4689
Milorganite 1101 N Market St (53202) PO Box 3049 Milwaukee WI 53201-3049 414-225-3333 Fax 414-225-3495	Organic Lawn Care 435 Wilson St NE Minneapolis MN 55413 800-798-1069 Fax 612-331-2357	Ringer Corp 9959 Valley View Rd Minneapolis MN 55344 612-941-4180 Fax 612-941-5036
★ Milwaukee Metropolitan Sewerage District 735 N Water St Milwaukee WI 53202 414-225-2222	Par Ex PO Box 512 Winter Haven FL 33882-0512 813-294-2567	Riverdale Chemical Co 425 W 194 St Glenwood IL 60425-1584 800-345-3330 Fax 708-754-0314
★ Monsanto Agricultural Co 800 N Lindbergh Blvd St Louis MO 63167 314-694-3767 Fax 314-694-2306	Parkway Research Corp 13802 Chrisman Rd Houston TX 77039 713-442-9821 Fax 713-590-3353	Rockland Corp 686 Passaic Ave West Caldwell NJ 07007 201-575-1322
Moyer & Son Inc PO Box 198 Souderton PA 18964 215-723-6000 800-345-0419 Fax 215-721-2800	Partac Peat Corp Kelsey Park Great Meadows NJ 07838 908-637-4191 800-247-2326	ROOTS Inc 25 Science Park New Haven CT 06511 800-342-6173 Fax 203-786-5297
Mycogen Corp 5451 Oberlin Dr San Diego CA 92121 619-453-8030	PBI/Gordon Corp 1217 W 12 St Kansas City MO 64101 816-421-4070 Fax 816-421-0426	Sandoz Agro Inc 1300 E Touhy Ave Des Plaines IL 60018 708-699-1616
Na-Churs Plant Food Co 421 Leader St Marion OH 43302 614-382-5701 Fax 614-383-2615	Pioneer Mfg 4529 Industrial Pkwy Cleveland OH 44135 800-877-1500 Fax 800-877-1511	★ O M Scott & Sons 14111 Scottslawn Rd Marysville OH 43041 513-644-0011 Fax 513-644-7679
NAIAD Co 5627 Stoneridge Dr #316 Pleasanton CA 94550 510-460-8530 Fax 510-460-9954	Plant Food Co Hightstown-Cranbury Station Rd Cranbury NJ 08512 609-448-0935 800-562-1291 Fax 609-443-8038	Soil Seal Corp 3015 Supply Ave City of Commerce CA 90040 213-727-0654 Fax 213-727-6037
		Soil Technologies Corp PO Box 1415 Fairfield IA 52556 800-221-7645 Fax 515-472-6189

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Southern Importers Inc
5923 W Friendly Ave (27410)
PO Box 8579
Greensboro NC 27419
800-334-9658
Fax 919-852-6397

Southern Turf Nurseries
2200 Norcross Pkwy Ste 255
Norcross GA 30071
404-448-9932

Spectrum Technologies Inc
12010 S Aero Dr
Plainfield IL 60544
800-248-8873
Fax 815-436-4460

Spring Valley Turf Products
1891 Spring Valley Rd
Jackson WI 53037
414-677-2273
Fax 414-677-2961

Standard Tar Products Co
2456 W Cornell St
Milwaukee WI 53209
414-873-7650
Fax 414-873-7737

Stanford Seed Co
340 S Muddy Creek Rd
Denver PA 17517
800-235-5532
Fax 215-267-0502

Stockhausen Inc
3910 Holden Rd
Lakeland FL 33811
813-644-0906
Fax 813-647-1651

Sudbury Lawn & Garden Products
301 W Osborn
Phoenix AZ 85013
602-285-1660
Fax 602-285-1803

Sustane Corp
1103 W Main St
PO Box 19
Cannon Falls MN 55009
507-263-3003
Fax 507-263-3029

Terrene
Div Enviro-Gro Technologies
200 Butler Ave
Lancaster PA 17601
800-452-1922
Fax 717-397-6833

TGMI Inc
11074 Ashburn Ave
Cincinnati OH 45240
513-825-5444
Fax 513-825-3393
Fax 800-241-8464

Trebcor Corp
4045-A Jonesboro Rd
Forest Park GA 30050
404-366-0957

Triazone
Div Arcadian Corp
6750 Poplar Ave Ste 600
Memphis TN 38138-7419
901-758-5200
Fax 901-758-5206

Turf & Nursery Supply Inc
3709 Columbus Rd NE
Canton OH 44705
216-456-4114

Tyler Enterprises
PO Box 365 Rte 53
Elwood IL 60421
815-423-5551
Fax 815-423-6331

UAP Special Products Inc
5446 W 78
PO Box 78666
Indianapolis IN 46268
317-471-3850

Uniroyal Chemical Co
Benson Rd
Middlebury CT 06749
203-573-3888
Fax 203-573-3394

United Horticultural Supply
4564 Ridge Dr NE
Salem OR 97303
503-390-9473
Fax 503-393-2306

★ Valent USA Corp
1333 N California Blvd
Ste 600
Walnut Creek CA 94596
415-256-2700

Vigoro Industries Inc
43 Fifth St NW
Winter Haven FL 33881
813-294-2567
Fax 813-294-3823

Warren's Turf Nursery Inc
7502 S Main St
Crystal Lake IL 60014
815-455-5100
Fax 815-455-7894

Weyerhaeuser
7001 396th Ave SE
Snoqualmie WA 98065
206-888-7500
Fax 206-888-7504

Whitmire Research Labs Inc
3568 Tree Court Industrial Blvd
St Louis MO 63122
800-325-3668
Fax 314-225-3739

Wilt-Pruf Products Inc
PO Box 469
Essex CT 06426
203-767-7033
Fax 203-767-7265



5. Seed Companies

J & L Adikes Inc

182-12 93rd Ave

Jamaica NY 11423

718-739-4400

Fax 718-291-6141

Bentgrasses: Cobra, Exeter, Pennlinks, Pennway, Penncross, Penncross with Nutricoat, Penneagle, Seaside; Fescues: (Creeping) Dawson; (Chewings) Waldorf, Longfellow; (Tall) Bonanza, Sapphire, Houndog; Kentucky Bluegrasses: Adelphi, A-34, Argyle, America, Glade, Merit, S-21, Sophia; Perennial Ryegrasses: All Star, Dimension, Ranger, Sheriff; Turfseed Mixes or Blends: Sun/Shade, Shade, Utility, Play, etc

Advanta Seeds West Inc

33725 Columbus St SE

Albany OR 97321

503-967-8923

Fax 503-967-8223

Bentgrasses: (Creeping) Carmen; (Colonial) Tracenta; Fescues: (Chewings) Waldorf, Atlanta, Mary, Scarlet; (Creeping Red) Dawson Slender, Hector; (Tall) Sapphire; (Hard) Scaldis, Silvana, Biljart, Waldina; Kentucky Bluegrasses: Adelphi, Asset, Cynthia, Gerinomo, Minstrel, Parade; Perennial Ryegrasses: Dimension, Mondial, Nova, Ranger; Turfseed Mixes or Blends: Quartet 4X Ryegrass

Amturf Seeds

850 N Old US 23

Brighton MI 48116

313-632-5640

Fax 313-632-5840

Turfseed Mixes or Blends: Amturf lawn patch products, sunny, shady, Bluegrass, tall Fescue, Southern Bermuda, Southern Centipede, Southern Bahia mixtures; Other Turfseed: Amturf erosion patch (Crownvetch & Ryegrass mixture); Wildflower Seed: Amturf wildflowers

Applewood Seed Co

5380 Vivian St

Arvada CO 80002

303-431-6283

Fax 303-431-7981

Wildflower Seed: Regional mixes, custom mixes, individual species

Arrow Seed Co

126 N Tenth

PO Box 722

Broken Bow NE 68822

308-872-6826

Fax 308-872-6945

Bentgrasses: Putter, Penncross; Fescues: (Tall) Jaguar II, Emperor, Richmond, Arid; Kentucky Bluegrasses: Liberty, Adelphi, Glade, Eclipse, Merit, Nassau, Midnight, Ram I, Fylking, Baron; Perennial Ryegrasses: Saturn, Envy, Omega II, Citation II; Turfseed Mixes or Blends: Countryside IV (Liberty, Adelphi, Eclipse, Glade) EZ Green Ryegrass Blend (Saturn, Citation II, Omega II); Other Turfseed: Dura Turf Tall Fescue Blend (Jaguari, Emperor, Maverick II)

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Seed Companies

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Bamert Seed Co
Rte 3 Box 1120
Muleshoe TX 79347
806-272-5506
Fax 806-272-5509
Other Turfseed: Buffalograss; Wildflower Seed:
Engleman Daisy, Illinois Bundleflower

E F Burlingham & Sons
PO Box 217
Forest Grove OR 97116
503-357-2141
Fax 503-359-9223
Telex 36-0274
Fescues: (Tall) Falcon

Cascade Intl Seed Co
8483 W Stayton Rd
Aumsville OR 97325
503-749-1822
Fax 503-749-1824
Fescues: (Tall) Duke, Montauk; (Creeping Red) Salem;
(Chewings) Southport; (Hard) Warwick; Kentucky
Bluegrasses: Washington, Alene, Kenblue,
Canterbury, Nimbus; Ornamental Grass Seed: turf-
type Orchardgrass; Perennial Ryegrasses: Sherwood,
Gettysburg, Duet; Sod/Sprigs (South only):
overseeding grasses for winter growth; Turfseed
Mixes or Blends: Old Pro turf mixtures

Crenshaw & Doguet Turf Grass
609 Castle Ridge Ste 220

Austin TX 78746
512-328-0884
Sod/Sprigs (South only); Other Turfseed

Curtis & Curtis Inc
Star Rte 8A
Clovis NM 88101
505-762-4759
Other Turfseed: Native, Turf grasses

Davenport Seed Corp
1404 Fourth St
Davenport WA 99122
509-725-1235
Fax 509-725-7015
Bentgrasses; Fescues: (Tall) Adventure, Avanti (dwarf),
Front Runner (dwarf); (Hard) Biljart; Kentucky
Bluegrasses: A-34 Ben Sun, Able-1; Perennial
Ryegrasses; Turfseed Mixes or Blends: Large
selection of reclamation & erosion control grasses

Farmers Marketing Corp
3501 E Broadway
Phoenix AZ 85040
602-437-4058
Fax 602-437-0245
Other Turfseed: Certified NuMex Sahara turf-type
Bermuda grass, common Bermuda grass, Lehmann
Love grass

Fine Lawn Research Inc
PO Box 290
Madison GA 30650
503-636-2600
Fescues: Finelawn & Jaguar Turf Type Tall; Kentucky
Bluegrasses: Chateau; Perennial Ryegrasses:
Pennant; Turfseed Mixes or Blends: Triple Play
Perennial Rye Blend

Full Circle
PO Box 49
Madras OR 97741
503-475-3877
Fax 503-475-6603
Kentucky Bluegrasses: Merit

Garfield Williamson Inc
9 Stewart Pl
Fairfield NJ 07004
201-882-7755
Fax 201-882-7750
Kentucky Bluegrasses; Perennial Ryegrasses

Garrison Seed of Colorado
923 D St
Greeley CO 80631
303-356-7002
Fax 303-356-7263
Bentgrasses: Cobra, Pennlinks, Penneagle, Penncross,
Penntrio, Putter; Fescues: Bonsai, Guardian, Chieftain,
Monarch, Safari, Olympic II, Apache, Leprechaun,
Twilight & Avanti; Kentucky Bluegrasses: NuStar,
Midnight, Challenger, Columbia, Adelphi, Rugby,
Estate, Limousine, Ram I, Monopoly, Merit, A-34,
Classic; Perennial Ryegrasses: Saturn, Charger, Sun-
Rye, Citation II, Manhattan II, Riveria, Calypso,
Pennline, Derby, Regal, Gator; Other Turfseed:
Shadow chewings fescue, Fults alkaligrass,
buffalograss; Wildflower Seed: Rocky Mountain Mix,
Garrison Custom Mix, others

Germain's Seeds
PO Box 12447
Fresno CA 93777
800-688-TURF
Fax 209-233-8830
Bentgrasses: Creeping & Colonial; Fescues: Kentucky
Bluegrasses; Ornamental Grass Seed; Perennial
Ryegrasses; Turfseed Mixes or Blends; Other
Turfseed; Wildflower Seed

Jonathan Green Inc
Squankum-Yellowbrook Rd
PO Box 326
Farmingdale NJ 07727
908-938-7007
Fax 908-938-5788

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Beautiful or Functional

Have them both! Rich, green Turf Type Tall Fescue gives you the beauty you want with a minimum of care.

Excellent for lawns, play areas, parks, airfields, roadways, golf courses and industrial sites.

Proven disease resistant. Oregon Grown Tall Fescue seed produces an adaptable, weed free turf that not only persists through summers and winters, but maintains its beauty.

Insist on Turf Type Tall Fescue seed grown in Oregon.

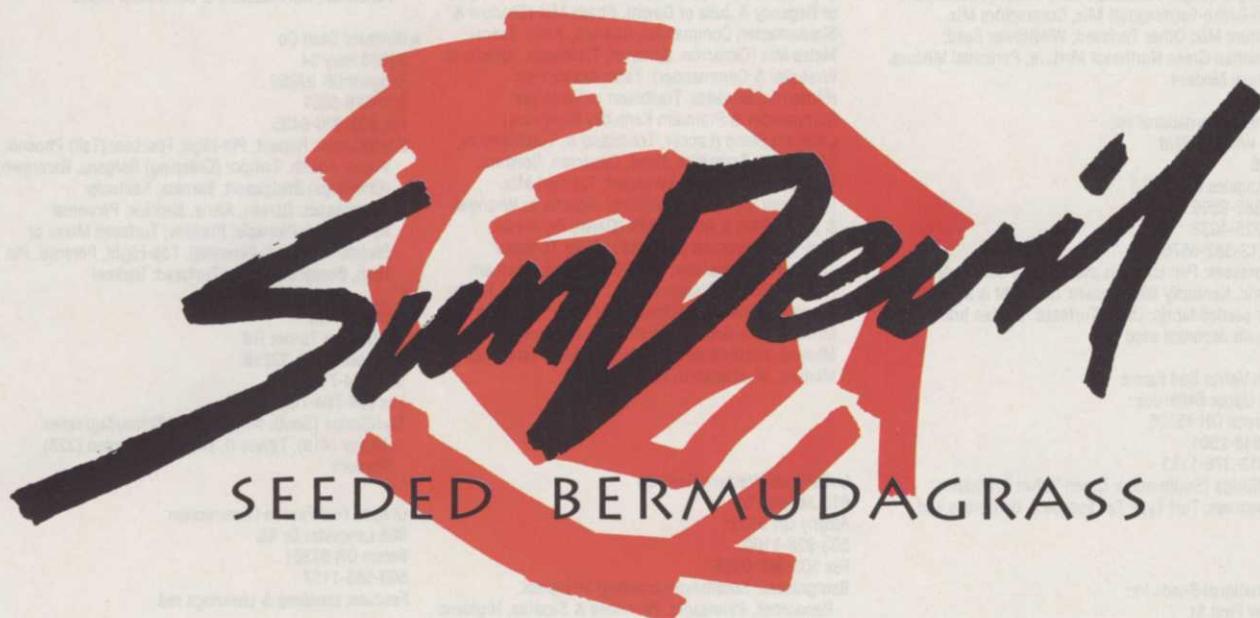
For more information contact your seed dealer, or write to:

OREGON TALL FESCUE COMMISSION

966 Lancaster Dr. SE, Salem, Oregon 97301

Phone: (503) 585-1157

When Hardiness, Improved Drought Tolerance and Disease Resistance are The Questions, The Solution is...



SunDevil, New From Medalist America.

If you're tired of worrying about how the weather's going to affect your turfgrass, listen to this: SunDevil from Medalist America offers improved cold tolerance and disease resistance while requiring less water and expensive maintenance to maintain a dense, dark green, uniform bermudagrass turf. SunDevil greens up earlier and goes dormant later in the fall than common bermudagrass. And, SunDevil is easy to establish because it's seeded instead of planted in plugs. It's ideal for applications that require hardiness, durability, thickness and tolerance to a variety of weather conditions.

Choose SunDevil for lawns, parks, golf course fairways and tees, cemeteries or when overseeding existing stands of common bermudagrass to upgrade turf. It's an advanced generation bermudagrass that offers you the perfect solution in areas where bermudagrass is winter killed and cool season grasses exhibit disease problems. If you want a seeded bermudagrass that's lower growing and offers quality and uniformity of sod for less, you've found the answer in SunDevil from Medalist America.

Find out how SunDevil from Medalist America can save you time, effort and money! Contact your Medalist representative today, 1-800-568-TURF.



Locations in Minneapolis, MN, Albany, OR, Downers Grove, IL, New Brunswick, NJ.

Seed Companies

continued

Bentgrasses: Exeter, Penncross, Penneagle, Pennlinks, Pennway, Seaside; Fescues: (Tall) Bonanza, Duke, Kentucky-31, Mesa, Montauk, Richmond; (Hard) Sheep, Spartan, Warwick; (Chewings) Southport, Victory; (Creeping) Pennlawn, Salem; Kentucky Bluegrasses: Adelphi, A-34, Alene, America, Canada, Chateau, Classic, Destiny, Eclipse, Glade, Gnome, Merit, Monopoly, Nassau, Parade, Ram I, Touchdown, Washington, Kenblue, Common 98/85; Ornamental Grass Seed: Birdsfoot Trefoil, Blackwells Switchgrass, Clovers, Crown Vetch, Deertongue, Fultsgrass, Flat Pea, Japanese Millet, Orchardgrass, Redtop, Reed Canarygrass, Sericea Lespedeza, Timothy, Lovegrass; Perennial Ryegrasses: Allaire, Gettysburg, Linn, Manhattan II, Pinnacle, Premier, Sherwood; Turfseed Mixes or Blends: Touch-up, Showlawn, Blue-rye, Sodmaker, Full Sun, Sun & Shade, Dense Shade, Drought Tough, Funlawn, Heavy Traffic, Fast Grown, Veri-Green-Farmingdale Mix, Contractors Mix, Pasture Mix; Other Turfseed; Wildflower Seed: Jonathan Green Northeast Mixture, Perennial Mixture, Annual Mixture

Greensia International Inc
3807 Wilshire Blvd
#1106
Los Angeles CA 90010
213-382-9596
800-225-4032
Fax 213-382-6676

Bentgrasses: Penncross is available on our seeded fabric; Kentucky Bluegrasses: Midnight is available on our seeded fabric; Other Turfseed: Golden brand Zoysia Japonica seed

Green Velvet Sod Farms
3640 Upper Bellbrook
Bellbrook OH 45305
513-848-2501
Fax 513-376-1153
Sod/Sprigs (South only): Green Velvet Premium bluegrass, Turf Type Tall Fescue & Bentgrass sod

International Seeds Inc
820 W First St
PO Box 168
Halsey OR 97348
503-369-2251
Fax 503-369-2640
Bentgrasses: Cobra, Emerald; Fescues: (Tall) Era, Gala, Houndog, Pacer; (Creeping) Cindy, Herald; (Chewings) Enjoy, Longfellow; (Hard) Eureka, Valdo; Kentucky Bluegrasses: Banjo; Ornamental Grass Seed: Oasis; Perennial Ryegrasses: All Star, Cutless, Derby, Derby Supreme, Elka, Gator, Lindsay, Regal, Troubadour; Turfseed Mixes or Blends: Dixie Green, Dixie Green with Sabre, Dixie Green tall fescue, Major League, PhD perennial ryegrass blend, PhD & Sabre, Showboat; Other Turfseed: Sabre POA trivialis



INTERNATIONAL SEEDS, INC.
"Seed - the Gift of Life™"

Jacklin Seed Co
5300 W Riverbend Ave
Post Falls ID 83854-9499
208-773-7581
Fax 208-773-4846
Bentgrasses: Putter Creeping Bentgrass; Fescues: (Tall Turf-Type) Arid, Mesa, Pixie Dwarf, Wrangler; Kentucky Bluegrasses: Adelphi, Amazon, Cheri, Classic, Eclipse, Fykling, Glade, Julia, Limousine, Nassau, NuBlue, Nugget, NuStar, Ram I, Suffolk; Perennial Ryegrasses: Advent, All Star, APM turf-type; Turfseed Mixes or Blends: Triplet 3-way tall fescue blend (Arid, Mesa & Wrangler); Other Turfseed: MX-86 Sheep Fescue, Reubens Canada Bluegrass, Streaker Redtop, Sunrise Brand Seeded Zoysiagrass

★ LESCO Inc
20005 Lake Rd
Rocky River OH 44107
216-333-9250
800-321-5325
Fax 216-333-6832
Bentgrasses: Penneagle, Penncross, Pennlinks, Pennway, Penntrio, Putter; Fescues: (Creeping) Shademaster; (Tall) Bonanza, Cimarron, Lancer, Trailblazer, Trailblazer II, Wrangler; (Chewings) Shadow, Kentucky Bluegrasses: Dawn, Glade, Julia, Merit, Midnight, Shamrock; Perennial Ryegrasses: Assure, Commander, Legacy, Regency; Turfseed Mixes or Blends: Classic (Julia, Dawn, Commander, Assure, Shademaster); Premium Athletic Mix (Julia, Dawn, Assure or Commander); 50/50 Mix (Julia, Dawn or Shamrock & Assure, Commander or Legacy); Touch-Up Mix (Commander, Assure, Legacy or Regency & Julia or Dawn); Shade Mix (Shadow & Shademaster, Commander, Spartan, Julia); Team-Mates Mix (Cimarron, Bonanza, Trailblazer, Apache or Wrangler & Commander); Team-Mates Plus (Cimarron, Bonanza, Trailblazer or Wrangler, Commander & Premium Kentucky Bluegrass); Compact Blend (Lancer, Trailblazer II, Trailblazer or Shortstop); Transition Blend, Cimarron, Bonanza, Trailblazer, Apache or Wrangler; Tuf-Turf Mix (Cimarron, Bonanza, Trailblazer, Apache or Wrangler & Julia); Park & Athletic Mix (Dawn, Pennlawn, Park & Athletic Mix (Dawn, Pennlawn, Turf-Type Perennial Ryegrass); Other Turfseed: Transtar, Intermediate; Wildflower Seed: Southern Florida Mixture, Southwestern Desert Mixture, Rocky Mountain Mixture, California Mixture, Partial-Sun Mixture, Low-Growing Mixture, North American Mixture, Northeastern US Mixture, Midwestern US Mixture, Southeastern US Mixture

Lofts/Great Western Seed Co

810 Jackson St
Albany OR 97321
503-928-3100
Fax 503-967-0556

Bentgrasses: Southshore creeping bentgrass, Penncross, Penneagle, Pennlinks & Seaside, Highland Colonial bentgrass; Fescues: (Tall) Bar-None, Rebel, Rebel II, Rebel Jr, Tribute; (Chewings) Jamestown; (Hard) Reliant, Crystal; Kentucky Bluegrasses: Baron, Georgetown, Merit, Mystic, Nassau, Princeton (P104), Ram-I, Suffolk, 1757, Park, Newport, Common; Perennial Ryegrasses: Cowboy, Palmer, Prelude, Prelude II, Repell, Repell II, Yorktown III; Turfseed Mixes or Blends: Par-3 (Palmer-Prelude-Repell), Blue Tag Ultima (Palmer-Prelude-Repell II-Yorktown III); Other Turfseed: Laser Poa Trivialis, Streaker Red Top; Wildflower Seed: Pinto

★ Lofts Seed Inc

One Chimney Rock Rd
Bound Brook NJ 08805
908-560-1590, 356-8700
800-526-3890
Fax 908-560-0884

Bentgrasses: Southshore Creeping; Fescues: (Tall) Rebel II, Rebel Jr, Tribute; (Hard) Reliant; (Chewings) Jamestown II; Kentucky Bluegrasses: Baron, Georgetown, Mystic, Nassau, Ram I, Princeton 104, 1757, Sydsport; Ornamental Grass Seed: Weeping Lovegrass, Indian Grass, Little & Big Bluestem; Perennial Ryegrasses: Palmer II, Prelude II, Repell II, Yorktown III; Turfseed Mixes or Blends: Tri-Plex Shade, Tri-Plex General, Tri-Plex Ryegrass, Ecology Mix, Summer Stress Mixture, Southern Park Mixture, Mustang Pasture Mixture, Southern Pasture Mixture, Great Plains Mix, Reclaim Conservation Mix-Damp Formula, Formula, Reclaim Conservation Mix-Damp Formula, Dry/Acid Mixture, Moist/Acid Mixture, Dry/Acid Mixture, Moist/Akaline Mixture, Great Plains Mix, Bermuda/Bahiagrass Mix; Wildflower Seed: Pinto: All Annual, All Perennial, Canadian, Northern, Semi-Shade, Southern, Southwestern, Texarkana, Tropical

★ Medalist America Turfgrass Seed
1490 Industrial Way SW
Albany OR 97321-3372
503-926-0126
800-568-TURF
Fax 503-926-0665
Bentgrasses: Penncross, Penneagle, Pennlinks, Pennway, Penntrio, Penntro, Penntro, Putter; Fescues: (Tall) Amigo, Arid, Arriba; (Creeping Red) Revere, Ruby; (Chewings) Dover; MX86; Kentucky Bluegrasses: Adelphi, Aquila, Aspen, Freedom, Glade, Kelly, Parade, Rugby, Trenton; Ornamental Grass Seed: Fufts Puccinelli Distans; Perennial Ryegrasses: Astar, Caddie, Dandy, Delray, Goalie, Mulligan, NK-200, Pennfine, Target; Turfseed Mixes or Blends: Medalist blends & mixes for the North & overseeding blends for the South; Wildflower Seed: Midwest, North American, Northeastern & Southwest mixes

★ Normarc Seed Co

32080 Hwy 34
Tangent OR 97389
503-926-5801
Fax 503-926-9435

Bentgrasses: Regent, Pin-High; Fescues: (Tall) Phoenix, Vegas, Austin, Tempo; (Creeping) Bargena, Barcrown; (Chewings) Bridgeport, Barnica; Kentucky Bluegrasses: Barzan, Alene, Barblue; Perennial Ryegrasses: Pinnacle, Premier; Turfseed Mixes or Blends: Turf Star, Perennial, Top-Flight, Perennial, Pin High, Bentgrass; Other Turfseed: Barkoel

Nutri-Turf Inc

16163 Lem Turner Rd
Jacksonville FL 32218
904-764-7100
Fax 904-764-7666

Sod/Sprigs (South only): Hybrid Bermudagrasses: Tifway (419), Tifway II, Tifdwarf, Tifgreen (328), Vantom

★ Oregon Fine Fescue Commission

866 Lancaster Dr SE
Salem OR 97301
503-585-1157
Fescues: creeping & chewings red

★ Oregon Ryegrass Growers Seed Commission

4093 12th St SE
PO Box 3366
Salem OR 97302
503-364-3346
Perennial Ryegrasses: all Oregon Ryegrasses

★ Oregon Tall Fescue Commission

866 Lancaster Dr SE
Salem OR 97301
503-585-1157
Fescues: Tall

OSECO Inc

210 Wanless Dr
Brampton ON Canada L6V 1A1
416-846-5080
Fax 416-846-6909

Bentgrasses: Emerald, Penncross, Cobra, Pennlinks, Penneagle, Pennway, Putter; Fescues: (Tall) Bonsai, Crewcut, Twilight, Vegas; (Creeping Red) Fortress, Shademaster; (Chewings) Center, Banner, Wilma; Kentucky Bluegrasses: Apex, Baron, Classic, Gnome, Haga, Midnight, NuBlue, Nugget, Opal, Supranova POA Supina, Sydsport; Perennial Ryegrasses: Dimension, Gator, Palmer, Pebble Beach, Pinnacle; Turfseed Mixes or Blends: blends of all species, lists available; Wildflower Seed: blended mixture of 19 varieties

Pacific Sod

820 Flynn Rd
Camarillo CA 93012
805-987-8456
Fax 805-987-5955

Fescues: tall & dwarf tall; Sod/Sprigs (South only): Pacific Bluegrass, PennBlue (blue-rye), Medallion Tall Fescue, Medallion Dwarf Bonsai, Medallion Dwarf

Q. Which turfgrass stays green around and under trees, even at this time of year?



A. Oregon Grown Fine Fescue,
for sure!

Call or write for literature about this terrific turfgrass.

Oregon Fine Fescue Commission
866 Lancaster Drive SE / Salem, OR 97301 / 503-585-1157



Seed Companies

continued

Garden Carpet, Tifgreen & Santa Ana Hybrid Bermudas (sod & stolons); Turfseed Mixes or Blends: PennBlue (80% blue grass, 20% perennial ryegrass)

Patten Seed/Super Sod
235 Valdosta Rd
Lakeland GA 31635
912-482-3131
Fax 912-482-2382

Sod/Sprigs (South only): Bermudas: Zoysias, Centipede, St Augustine; Other Turfseed: Centipede, Zoysia seed

★ Pennington Seed Inc
1280 Atlanta Hwy
Madison GA 30650
404-342-1234
800-277-1412
Fax 404-342-9644
Fescues: Finelawn 5GL, Finelawn 1, Enviro-Blend, Virtue; Kentucky Bluegrasses: Chateau; Perennial Ryegrasses: Sunrise 246, Pebble Beach; Turfseed Mixes or Blends: Enviro-blend (dwarf blend of Finelawn 8855, Tomahawk, Monark), Sunrise Primo Per-Rye Blend (Pebble Beach, Stallion, Sunrise 246); Wildflower Seed: Pennington Southeast blend

Peterson Seed Co
PO Box 346
Savage MN 55378
800-328-5898
Fax 612-445-1679
Kentucky Bluegrasses: Monopoly, Classic, Eclipse

Pickseed Canada Inc
11151 Yonge St
Richmond Hill ON Canada L4C 4X9
416-884-1147
Fax 416-884-1538

Bentgrasses: National Creeping; Fescues: (Tall) Shortstop, Crossfire; (Creeping Red) Jasper; (Chewings) Victory; (Hard) Spartan; Kentucky Bluegrasses: America, Touchdown, Banff, Alpine, Nugget, Indigo; Perennial Ryegrasses: Fiesta II, Blazer II, Dasher II, Lowgrow, Edge, Express; Turfseed Mixes or Blends: Futura 2000, Futura Blue, Sports Turf

Pickseed West Inc
PO Box 888
Tangent OR 97389
503-926-8886
Fax 503-928-1599
Bentgrasses: National Creeping, Exeter Colonial, Kingstown Velvet, Reton Red Top; Fescues: (Tall) Crossfire, Maverick, Maverick II, Mini-Mustang, Mustang, Shortstop, Team Blend, Team Jr Blend, Thoroughbred; (Chewings) Agram, Victory; (Hard) Spartan, Tournament; (Sheeps) Azay; (Creeping Red) Jasper; Kentucky Bluegrasses: Alpine, America, Banff, Bronco, Crest, Indigo, Nugget, Touchdown; Perennial Ryegrasses: Blazer, Blazer II, Dasher II, Edge, Express, Fiesta, Fiesta II, Jazz, Lowgrow, Futura 2000 Blend; Other Turfseed: Poa Trivialis, Colt; Wildflower Seed: Flowers n' Flowers Mixture, Flowers n' Grass Mixture

Proprietary Seeds Inc
2882 Howell Prairie Rd NE
Salem OR 97305
800-228-4119
Fax 503-585-3273
Fescues: (Tall) Bonanza, Crew-Cut (dwarf type); Kentucky Bluegrasses: Common, Kenblue, Merit, Newport, Park; Perennial Ryegrasses: Vantage; Turfseed Mixes or Blends: Magnum brand perennial ryegrass blend (75% Vantage, 25% Citation II); Other Turfseed: Custom blends & mixtures

Provico Seeds
104 S Sycamore St
Botkins OH 45306
800-837-8222
Fax 800-837-8222 Ext 255
Bentgrasses: Cobra, Pennlinks; Fescues: (Tall) Pennlawn, Finelawn I, Shenandoah, Willamette; (Creeping) Red; (Hard) Serra; Kentucky Bluegrasses: 98/85, A-34, Classic, Park, Merit; Perennial Ryegrasses: Linn, Manhattan II, Caliente, Seville, Gator, Derby, Regal, Elka, PhD; Turfseed Mixes or Blends: Economy (30% Annual Ryegrass, 30% linn per Ryegrass, 20% Bluegrass 98/85, 20% Creeping Red fescue), Economy Shady (50% Creeping Red fescue, 50% Regular Ryegrass); Quality & Quality Coated (60% Bluegrass 98/85, 30% turf type Ryegrass, 10% Fine fescue); Classic & Classic Coated (50% turf type Ryegrass, 25% Bluegrass 98/85, 25% Merit Bluegrass); Prof All-Purpose (20% Gator Ryegrass, 20% Pennlawn fescue, 30% Merit Bluegrass, 30% Sabre Poa Trivialis); Prof All-Purpose Coate; Athletic (80% Caliente Ryegrass, 20% Annual Ryegrass); Stubble (80% Elka Ryegrass, 20% Creeping Red fescue); Other Turfseed: Sabre poa wildflower mix

Roberts Seed Co
33095 Hwy 99 E
PO Box 206
Tangent OR 97389
503-926-8891
800-258-4657
Fax 503-926-8159
Fescues: (Tall) Chieftain, Guardian, Leprechaun Dwarf; Kentucky Bluegrasses: Estate, Limousine, Marquis, Rugby; Perennial Ryegrasses: Calypso, Riviera, Pennfine; Turfseed Mixes or Blends: Maxim turf-type tall fescue tri-blend (1/3 each Chieftain, Guardian & Leprechaun); Playmate PRG tri-blend (1/3 each Calypso, Pennfine & Riviera)

POLLUTION CLEAN-UP INSURANCE FOR COMMERCIAL LAWN CARE FLEETS AND EQUIPMENT

Through the National Lawn Care Risk Purchasing Group, Inc., Lawn Care firms can now purchase pollution clean-up insurance for spills which are the result of an automobile accident.

Reasonably priced clean-up insurance is available for all sizes of trucks and production equipment providing up to \$100,000. in annual clean-up costs.

Coverage is provided by Lloyd's of London and is subject to a \$2,500. deductible per accident. This program will not replace your automobile insurance—it will fill a void in your current policy. Consult your Agent or Broker to verify that your current policy does not provide pollution clean-up protection.

For further details contact:

Richard P. Bersnak, Jeanne Bartkus, or Dan Remley at:

**M.F.P. Insurance Agency, Inc.
50 W. Broad St., Suite 3200
Columbus, OH 43215
(614) 221-2398**

Royal Seeds
1212 W Eighth St
Kansas City MO 64101
800-753-0990
Other Turfseed

O M Scott & Sons
14111 Scottslawn Rd
Marysville OH 43041
513-644-0011
Fax 513-644-7679
Fescues: (Tall) Chesapeake, Aztec; (Chewings) Banner; (Hard) Brigade; Kentucky Bluegrasses: Victa, Bristol, Abbey, Coventry; Perennial Ryegrasses: Loretta, Ovation, Caravelle, Accolade; Turfseed Mixes or Blends: Winter Turf 1, Winter Turf 3, Winter Turf 5, Winter Turf 9, Winter Turf 10, Sports Turf, Bluegrass 100, All Purpose Mix, Spirit; Other Turfseed: Sonesta Bermudagrass

Seaboard Seed Co
PO Box 117
Bristol IL 60512
708-553-5800
Bentgrasses: Penncross, Penneagle, Seaside, Highland, Exeter, Red Top; Fescues: Fine-spartan, Saldis, Victory, Jamestown, Koket, Pennlawn, Tall-arid, Olympic, Apache, Adventure, Mustang, Falcon, Brookston, K 31; Kentucky Bluegrasses: Midnight, Classic, Eclipse, Glad, Haga, Adelphi, Baron, Merit, Gnome, Monopoly, Parade, Touchdown, Nassau, Banff, Newport, Julia, Chateau, America, A-34, Park, Rami, Nugget; Perennial Ryegrasses: Palmer, Prelude, Manhattan II, Pennant, Derby, Fiesta II, Pennfine, Manhattan II, Citation, Jazz, Rodeo, Patriot, Omega II; Turfseed Mixes or Blends: Custom mixes; Other Turfseed: Crown Vetch, Birdsfoot Trefoil, Native Grasses, Wildflowers, Poa Trivialis, Canada bluegrass, Fults, Reed Canary

Circle No. 127
on Reader
Inquiry Card

OREGON - GROWN RYEGRASS

For quality turf all winter long



Ryegrass is the all-around answer to excellent winter turf all over the South.

You can count on it to germinate in a matter of 7-10 days or even less under ideal conditions.

It's the ideal choice for any budget because Ryegrass is available as annual or perennial.

Oregon-grown annual and Gulf annual are considered the workhorses of overseeding and have long been used to produce handsome turf at minimum cost. Annual tolerates mowing heights from $\frac{3}{8}$ to $1\frac{1}{2}$ inches and is handsome enough for putting greens at some of the South's better golf clubs.

Thoroughbreds of the Ryegrass family are the fine-bladed turf-type perennial varieties which produce a "show quality" turf. Vigorous as well as handsome, they can be mowed at heights similar to that of annual.

Perennial performs like an annual in the South and fades on arrival of summer.

Always in good supply, Ryegrass is cold tolerant and retains its color during the chill of winter. It responds rapidly to fertilization and quickly develops a strong root system.

For more information and free brochures see your seed dealer or write:

Oregon Ryegrass Commission

Post Office Box 3366
Salem, Oregon 97302
FAX (503) 581-6819

PHOTO

Send us a photo of your Oregon-grown Ryegrass turf and if we use it, we'll send you a check for \$100

CONTEST

Seed Companies

continued

Seed Research of Oregon Inc
27630 Llewellyn Rd (97333)
PO Box 1416
Corvallis OR 97339
503-757-2663
Fax 503-758-5305

Bentgrasses: SR 1020, Providence (SR 1019);
Prominent (creeping) SR 7000, SR 7100 (Colonial);
Fescues: (Hard) SR 3000, SR 3100; (Chewings) SR
5000, SR 5100; (Tall) SR 8200, SR 8300, Titan;
Kentucky Bluegrasses: SR 2000, SR 2100; Perennial
Ryegrasses: SR 4000, SR 4100, SR 4200, SR 4300;
Turfseed Mixes or Blends: Champion (SR 4000, SR
4100); Champion (SR 4000, SR 4100, SR 4200);
Crusader (SR 3000, SR 4200, SR 5000); Dominant
(SR 1020, Providence); Survivor (Titan, SR 8200,
Bonanza); Trophy (Titan, SR 8200, Bonanza); Other
Turfseed: SR 9000, SR 9100 (Zoysiagrass)

Sharp Brothers Seed Co
101 E Fourth St Rd
Greeley CO 80631
303-356-4710
Fax 303-356-1267
Other Turfseed: Buffalograss, native & range grasses;
Wildflower Seed: Midwest blends

Southern Turf Nurseries
2200 Norcross Pkwy Ste 255
Norcross GA 30071
404-448-9932
Sod/Sprigs (South only): Tifway 419, Tifgreen 328,
Tifwarf, Centipede, Midiron

Stanford Seed Co
340 S Muddy Creek Rd
Denver PA 17517
800-235-5532
Fax 215-267-0502
Bentgrasses; Fescues; Kentucky Bluegrasses; Perennial
Ryegrasses; Turfseed Mixes or Blends; Other
Turfseed

Sunbelt Seeds Inc
PO Box 668
Norcross GA 30091
404-448-9932
800-522-7333
Fax 404-242-8332
Bentgrasses: Southshore; Fescues: (Chewings)
Jamestown II; (Tall) Rebel Jr, Rebel II, Tribute;
(Creeping) Pennlawn; (Hard) Reliant; Kentucky
Bluegrasses: Baron, Nassau, Georgetown, Ram I,
Mystic, Princeton (104), Sydspor, 1757; Perennial
Ryegrasses: Palmer II, Prelude II, Yorktown III, Repell
II; Turfseed Mixes or Blends: Marvelgreen Supreme,
Marvelgreen Classic, Marvelgreen & Laser,
Marvelgreen 3 + 1, Marvelgreen Transition,
Marvelgreen Sports Mix; Other Turfseed: Laser Poa
Trivialis; Wildflower Seed: Pinto mixtures

★Tee-2-Green Corp
3017 G St
PO Box 250
Hubbard OR 97032
503-981-9571
503-981-9574
800-247-6910
800-547-0255
Fax 503-981-5626
Bentgrasses: Penncross, Penneagle, Pennlinks,
Pennway blend, Penntrio blend

Turf Merchants Inc
33390 Tangent Loop
Tangent OR 97389
503-926-8649
800-421-1735
Fax 503-926-4435
Telex 9109970773
Bentgrasses: Penncross, Penneagle, Pennlinks,
Pennway, VIP Bent Blend; Fescues: (Dwarf Tall)
Aztec, Bonsai, Twilight; (Tall) Anthem, Wrangler;

(Hard) Attila; (Chewings) Estacada; Kentucky
Bluegrasses: Chelsea, Cobalt, Gnome, Gnome II,
Rugby, Tendos, Viva; Perennial Ryegrasses:
Manhattan II E, Pennfine, Rodeo II, Patriot II, Allaire
II, Aquarius II, Evening Shade, Laredo, Lariat,
Pennant VIP Blend; Turfseed Mixes or Blends

Turf & Nursery Supply Inc
3709 Columbus Rd NE
Canton OH 44705
216-456-4114
Bentgrasses; Fescues; Kentucky Bluegrasses; Perennial
Ryegrasses; Turfseed Mixes or Blends; Wildflower
Seed

★Turf Seed Inc
29975 S Barlow Rd (97013)
PO Box 250
Hubbard OR 97032
503-651-2130
Fax 503-651-2351
Bentgrasses: Penncross, Penneagle, Pennlinks,
Pennway, Pentrio, Buckets; Fescues: (Tall) Apache,
Confederate Blend, Eldorado, Monarch, Mowless,
Murietta, Olympic, Olympic II, Safari, Silverado,
Tomahawk, Triathalawn; (Creeping) Fortress,
Shademaster; (Hard) Aurora; (Chewings) Shadow;
(Sheep) Bighorn; (Endophyte) Aurora, Shadow;
Kentucky Bluegrasses: Blacksburg, Challenger,
Classic, Columba, 4 Aces, Midnight, Unique;
Perennial Ryegrasses: Alliance Blend, Citation II,
Birdie II, Manhattan II, Manhattan II E (endophyte),
Quickstart, Sunray 246, Charger, Brightstar, CBS II
Blend; Other Turfseed: Polo mix, Maximize tall fescue,
Elsie Orchardgrass, Shawnee Orchardgrass;
Wildflower Seed: Bloomers Mix

United Horticultural Supply
4564 Ridge Dr NE
Salem OR 97303
503-390-9473
Fax 503-393-2306
Bentgrasses; Fescues; Kentucky Bluegrasses;
Ornamental Grass Seed; Perennial Ryegrasses; Sod/
Sprigs (South only); Turfseed Mixes or Blends;
Wildflower Seed

Warren's Turf Nursery Inc
7502 S Main St
Crystal Lake IL 60014
815-455-5100
Fax 815-455-7894
Fescues: (Tall) Adventure, Avanti (dwarf); (Hard) Biljart;
Kentucky Bluegrasses: A-34, Able-1, Allure, Honor
Roll Sod Blend; Perennial Ryegrasses: Threesome
blend; Sod/Sprigs (South only): Front Runner dwarf
fescue blend, Able-1 Bluegrass blend

Willamette Seed Co
PO Box 791
Albany OR 97321
503-926-2728
Bentgrasses: Penncross, Pennlinks, Penneagle; Fescues:
Willamette, Shenandoah; Kentucky Bluegrasses:
Merit, Julia, Classic; Perennial Ryegrasses: Ranger,
Seville, Caliente; Turfseed Mixes or Blends: Southern
Select overseed blend of Ranger, Seville & Caliente

Zajac Performance Seeds
33 Sicomac Rd
North Haledon NJ 07508
201-423-1660
Fax 201-423-6018
Fescues: (Tall) Jaguar, Jaguar II, Emperor; (Creeping
Red) Vista; Kentucky Bluegrasses: Eclipse, Liberty;
Perennial Ryegrasses: Envy, Omega II, Saturn;
Turfseed Mixes or Blends: Leaderboard rye blend,
Primetime fescue blend, Confidence Brand line of
blends/mixes



ZAJAC PERFORMANCE SEEDS
201-423-1660 FAX 201-423-6018
33 SICOMAC ROAD NORTH HALEDON, NJ 07508

6. Miscellaneous Companies

Apparel Master
PO Box 62687
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Responsible Industry for a Sound Environment

GREEN INDUSTRY SHOWCASE

New compost bin designed to make backyard recycling easy, affordable

A compost bin that you recycle.

That's what Jay and Terrell Menefee have in "The Groundskeeper."

The father and son team also believe the bin will make composting easier for homeowners, municipalities and professional landscapers, the three main players in the composting/landfill scenario.

Yard waste is already banned from landfills in some states, with others soon to be passing similar legislation. At Ohio landfills, for example, yard waste bans go into effect in December of 1993. California's recent AB939 legislation required each city and county to divert 25 percent of all landfill material by 1995, and 50 percent by 2000.

Landscape management professionals are therefore concerned, and want to find ways to deal with the problem in such a way that they keep their customers happy, yet are not themselves totally responsible for disposing of customer yard waste. Because no matter how much the industry explains the nutritional benefits of leaving the clipping, there's always going to be certain customers who want the clippings removed.

The Menefees are marketing "The Groundskeeper" through their company, Delvin & Taylor of Novelty, Ohio. They now offer the bin at a volume discount to municipalities and professional landscapers across the country.

Early on, the Menefees believed their approach to composting should have low impact on the environment, be affordable, require little homeowner effort and not detract for the appearance of the customer's yard. After three years of laboratory and field testing, they believed they met, and, in some ways, exceeded their objectives.

"The Groundskeeper" is a biodegradable bin made of recycled paperboard, containing 15 percent post-consumer fiber. A water-soluble, biodegradable ink is used to dye the bin, which measures 34.5 inches across and 32 inches high.

The company says the bin has a 150-gallon capacity, and will hold about five commercial lawn refuse bags of material.

Homeowner instruction in establishing backyard composting is virtually unnecessary, considering how easy the procedure is. Grass clippings, leaves and other yard waste is layered into the bin. Occasional stirring assists in the breakdown, but is not required.

Delvin & Taylor says the composting process takes about six months.

The company is now supplying bins in bulk quantities at a cost of about \$5.50 per bin.

During their early research, beginning in 1989, the Menefees tried several approaches, using a variety of biodegradable refuse bags, tested with and without inoculators and accelerators, added to aid the composting process.

Their research revealed that the best composting bin prototypes were those made with a paperboard containing the right combination of compressive stress resistance and water vapor transmission rate characteristics.

A compressive stress resistance was found that kept the bin rigid as the materials inside were being compressed and composted, as opposed to those two-ply paper lawn refuse bags which form multiple accordion folds and collapse along with the materials.

As a solution, a water vapor transmission rate was found that tended to keep the materials inside the bin above the 50 percent moisture level required for composting, but also allowed the bin to rapidly dry out after soaking to below the 20 percent moisture content.

According to the company, paper kept at or below 20 percent moisture content



'The Groundskeeper' compost bin is biodegradeable.

decays very slowly, and as a result, the bin maintains its structural integrity over the year or two during which a homeowner would be using it.

The Menefees suggest that one bin be used in the fall to collect and store leaves, and a fresh bin be set up in spring for grass clippings. The partially composted leaves would then provide a source of carbon to layer into the grass clippings over the growing season.

An introductory package sells for \$395, and includes:

- 70 compost bins
- 70 instruction books
- 70 promotional brochures
- 5 study packages.

The composting "Pilot Program" package sells for \$765, and includes 140 bins, books and brochures, and 10 study packages.

One case of bins sells for \$195.

Circle No. 191 on Reader Inquiry Card

PRODUCT REVIEW

Landscaping software for small, medium size company

Eagle Software announces the release of The Landscaper software for IBM and compatible computers, designed especially for small and medium-sized companies.



Version 1.1 features Customer and Equipment Tracking, Proposal Writing, Invoicing, Accounts Payable and receivable and Memowriter.

The Landscaper also handles snowplowing, dump runs and more. The Landscaper requires a hard drive and EGA or VGA monitor, and a 286, 386 or 486 computer.

Circle No. 192 on Reader Inquiry Card

Water management system can handle up to 16 stations

Solatrol, Inc. has introduced its LEIT 8000 Series II Water Management Computer.



The LEIT 8000 can accommodate twice the number of valve stations of its previous model without reliance on AC power, batteries or bulky, awkward solar panels.

Solatrol says the LEIT 8000 is compatible with most brands, sizes and styles of valves.

The controller can accommodate either eight or 16 stations. The capacity of the basic eight-station unit is doubled simply by attaching Solatrol's Expander Module Kit (XKIT 8830), similar in nature to a signal splitter used to multiply the number of cable TV outlets in a home.

"In this way, we can more efficiently and economically tailor the LEIT 8000 system to suit the specific needs of the end-user," says Wyn Nielsen, president and CEO of Solatrol, Inc.

According to Solatrol, the LEIT 8000 is completely independent of AC power, batteries or vulnerable solar panels.

The exclusive microelectronics system collects ambient light energy and stores it directly within its circuitry, assuring operation day and night.

Nielsen says the design makes the system virtually immune to lightning.

Circle No. 193 on Reader Inquiry Card

New riding unit saves time and labor on sand, light jobs

Cushman, Inc.'s Groom Master is a ride-on unit for sand trap maintenance and other light earth-moving projects. The Groom Master can be equipped with a rear



rake for smoothing, a mid-mount cultivator to lift and loosen, and a front blade to push sand or other soil types. Accessories are operated from driver's seat.

Circle No. 194 on Reader Inquiry Card

Continued on page 110

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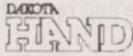
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115	132	149	166	183	200	217	234	251	268	285	302	319	336
116	133	150	167	184	201	218	235	252	269	286	303	320	337
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108	125	142	159	176	193	210	227	244	261	278	295	312	329
109	126	143	160	177	194	211	228	245	262	279	296	313	330
110	127	144	161	178	195	212	229	246	263	280	297	314	331
111	128	145	162	179	196	213	230	247	264	281	298	315	332
112	129	146	163	180	197	214	231	248	265	282	299	316	333
113	130	147	164	181	198	215	232	249	266	283	300	317	334
114	131	148	165	182	199	216	233	250	267	284	301	318	335
115	132	149	166	183	200	217	234	251	268	285	302	319	336
116	133	150	167	184	201	218	235	252	269	286	303	320	337
117	134	151	168	185	202	219	236	253	270	287	304	321	338

LANDSCAPE MANAGEMENT

SEPTEMBER 1992
This card is void
after Nov. 15, 1992

1. BUSINESS & INDUSTRY

MY PRIMARY BUSINESS AT THIS LOCATION IS:
(PLEASE MARK ONLY ONE IN EITHER A, B OR C)

A. Landscaping/Ground Care at one of the following types of facilities:

- 0005 Golf courses
- 0010 Sports Complexes
- 0015 Parks
- 0025 Schools, colleges, & universities
- Other type of facility (please specify) _____

B. Contractors/Service Companies/Consultants:

- 0105 Landscape contractors (installation & maintenance)
- 0110 Lawn care service companies
- 0112 Custom chemical applicators
- 0135 Extension agents/consultants for horticulture
- Other contractor or service (please specify) _____

C. Suppliers:

- 0205 Sod growers
- Other supplier (specify) _____

Which of the following best describes your title:
(mark only one)

- 10 EXECUTIVE/ADMINISTRATOR
- 20 MANAGER/SUPERINTENDENT
- 30 GOVERNMENT OFFICIAL
- 40 SPECIALIST
- 50 OTHER TITLED AND NON-TITLED PERSONNEL (specify) _____

I would like to receive (continue receiving)
LANDSCAPE MANAGEMENT each month: YES NO

Signature: _____

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- 50 OTHER TITLED AND NON-TITLED PERSONNEL (specify) _____

I would like to receive (continue receiving)
LANDSCAPE MANAGEMENT each month: YES NO

Signature: _____

Date: _____



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MORE
FACTS

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MORE
FACTS

TO ECONOMICALLY DISPOSE OF:

TREES & BRUSH



MODEL 250

BRUSH & PRUNINGS



MIGHTY BANDIT II

For Trees and Brush

Select one of Bandit's horizontal feed, disc style chippers -- 6", 9" and 12" diameter capacity machines are offered. See firsthand how quickly and effortlessly these machines turn tree waste into dimensional, recyclable wood chips.

For Shrubbery, Prunings and Brush

The Mighty Bandit II is the answer. This all purpose chipper combines a 2-wheel hydraulic feed system with gravity. Chip prunings, brush, vines, even paper and cardboard. The Mighty II produces a fine chip that is ideal for compost.

Video tapes are available upon request

Isn't it time that you tried the most popular chipper in the tree care industry?



BANDIT
INDUSTRIES, INC.

6750 MILLBROOK RD.
REMUS, MI 49340
PHONE: (517) 561-2270
FAX: (517) 561-2273

Circle No. 252 on Reader Inquiry Card

NEARY-MODEL 30 LAPPING MACHINE

Used one season. Like New. List \$390.00
Asking \$275.00

TOM SPRAGUE
7500 OLD OAK BLVD
CLEVELAND, OH 44130

1-800-225-4569 * 1-216-243-8100 ext. 774

FOR SALE

COMMERCIAL INSURANCE for LAWN CARE OPERATORS

M.F.P. Insurance Agency, Inc.
50 West Broad Street, Suite 3200
Columbus, OH 43215
(614) 221-2398

Contact:
Richard P. Bersnak, President
or
Jeanne Bartkus

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FOR SALE



Know your
soil pH in
seconds!

Kelway HB-2

Professional
soil acidity
& moisture
tester

- Big, easy-to-read dial.
- Low cost.
- Portable.
- Built for long-lasting use!

Tells you when to lime.

Now, read your soil pH in seconds with KELWAY HB-2 acidity tester. Learn on-the-job whether to add lime and how much. No batteries. No reagents. No chemicals. Just insert KELWAY soil tester in moist soil. Professionally designed for growers. KELWAY tester gives direct acidity and moisture readings. Contact your local distributor or write for FREE information literature today.

Kel Instruments Co., Inc., Dept. N
P.O. Box 54, Wyckoff, NJ 07481

Circle No. 253 on Reader Inquiry Card

COLORADO LINING COMPANY

Lining Products & Service Custom Fabrication & Installation

- Reservoirs ▪ Decorative Ponds ▪
- Tailings Dams ▪ Landfill Liners ▪
- Irrigation Ponds ▪ Tank Liners ▪
- Golf Course Ponds ▪
- 20,30,40 Mil PVC ▪ 20 - 100 Mil HDPE ▪ 30 - 8- Mil VLDPE ▪

Call (303) 841-2022
1062 Singing Hills Road • Parker • CO • 80134

Circle No. 254 on Reader Inquiry Card

MISCELLANEOUS

DOGGETT

THE TREE FERTILIZER COMPANY

SINCE 1941

PLEASE SEND US THE MOST RECENT CATALOG ON
YOUR DIFFERENT VARIETIES OF TREE FERTILIZER
AND INDEX OF PUBLICATIONS ON TREE NUTRITION.

NAME: _____

COMPANY: _____

STREET: _____

CITY: _____ STATE: _____ ZIP: _____



THE DOGGETT CORPORATION
LEBANON, N.J. 08833

1-800-448-1862

Circle No. 255 on Reader Inquiry Card

RATES: \$1.25 per word (minimum charge, \$40). Bold face words or words in all capital letters charged at \$1.50 per word. Boxed or display ads: \$105 per column inch-1x (one inch minimum); \$100-3x; \$95-6x; \$90-9x; \$85-12x. (Frequencies based on a calendar year). Agency commissions will be given only when camera-ready art is provided by agency. For ads using blind box number, add \$20 to total cost of ad per issue. Send ad copy with payment to Susan Ramseth, LANDSCAPE MANAGEMENT, 7500 Old Oak Blvd., Cleveland, OH 44130 or call 216-891-2742. Fax Number 216-826-2865.

BOX NUMBER REPLIES: Mail box number replies to: LANDSCAPE MANAGEMENT, Classified Ad Department, 120 W. 2nd St., Duluth, MN 55802. Please include box in address.

POSITION WANTED**FREE CLASSIFIED AD**

To all "POSITION WANTED" Classified Advertisers!

- Maximum 40 words
- Maximum 2 issues

Offered as an industry service - Let LANDSCAPE MANAGEMENT help you with your employment needs. For more information contact:

Susan Ramseth

LANDSCAPE MANAGEMENT

7500 Old Oak Blvd., Cleveland, OH 44130

216-891-2742-Phone 216-826-2865-Fax

LOOKING FOR A HOME: Hard working, reliable, honest, landscaping & irrigation professional of 15 years with "Hands on Philosophy" looking to relocate to the Rocky Mountain Region. Seeking employment with a company committed to excellence. Desires to work toward partnership. Ken Mencel, 85 Woodmere Road, Bridgeport, CT 06610 (203)372-7828 FAX (203)372-7175. 9/92

Professional Grounds Manager and Urban Forester with 13 years experience in green space management including historic properties, athletic turf and trees. Seeking position in the Midwest. For more information contact Dale Gaasland, 5 Henry St., Belmont, MA 02178. 617-861-2758. Fax 617-861-2738. 10/92

SUPERINTENDENT OF GROUNDS AND ATHLETIC FIELDS IN CONNECTICUT. Certified with 12 years experience in Grounds Management, Athletic Field Renovation, Landscaping and design work. Resume upon request. Inquiries write or call Edward Ball, 25 Whitewood Drive, Branford, CT 06405. 203-481-8599 evenings. 10/92

POSITION WANTED: Horticultural and Historic Property Manager- degreed and certified in grounds management and building operations management, 20 years experience directing corporate sites, large estates, public gardens and arboreta. Seeking challenging and rewarding position. Will relocate. Contact Robert at (706)845-9041. 10/92

LANDSCAPE GARDENER. Young, energetic professional seeks relocation to Northwest. 14 years experience in all phases of Landscape Maintenance. Prefer Estate or Management company with expanding market. contact Gardener, P.O. Box 550398, Birmingham, AL 35255. 10/92

Moving?

Be sure to let us know your new address. Please enclose a complete address label from one of our recent issues.

POSITION WANTED

FOR SALE: Two used Brouwer Sod Harvesters. Excellent condition. Ready to go. Call Brian for parts. **HUBER RANCH SOD NURSERY**, Scheider, IN. Phone (800)553-0552. 9/92

BUCKET TRUCK: Hi Ranger 65', 57', 50'. Skyworkers with chip boxes. Asplundh bucket trucks with chip boxes. Asplundh brush chippers. Bean 55 gal. sprayers. Pete Mainka Enterprises, 633 Cecilia Drive, Pewaukee, WI 53072. 414-691-4306. TF

SPRAY TRUCKS: 1987 and 1989 GMC Diesel 4,000 - 700 Gal stainless steel tanks, Hannay Reels w/300' of hose. Excellent condition in and out. 30,000 miles. PTO. \$12,000 & \$14,000 neg. 651 Pine Street, Uniondale, L.I., New York 11553, (516)489-3800. We Deliver. 9/92

Finn Hydroseeders, Mulch Spreaders, Krimpers, Pit Burners, Fiber Mulch & Tackifiers. New & Used. **Wolbert & Master, Inc.**, P.O. Box 292, White Marsh, MD 21162. 301-335-9300, 1-800-234-7645. TF

BUSINESS OPPORTUNITIES

OWN YOUR OWN TREE/LAWN SPRAYING ROUTE. Why work for someone else, when you can be your own boss earning 60-85K per year! Established territories available in Long Island, New York's prestigious communities. Qualified individuals must have minimum two years managerial background and/or three years field experience. Some capital required. Apply in strict confidence to: LM Box 493. 9/92

FOR SALE: Well established contracting and maintenance business servicing Chicago's exclusive and very wealthy North Shore suburbs. Must have good horticulture or landscape architectural training and experience. Send resume to LM Box 489. 10/92

LET THE GOVERNMENT FINANCE your new or existing small business. Grants/loans to \$500,000. Free recorded message: (707)448-0330. (OL8) 11/92

NOW... LEARN PROFESSIONAL LANDSCAPING AND GARDENING AT HOME! Accredited program provides thorough training in all phases of commercial and residential landscaping. Diploma awarded. Free booklet describes program and opportunities in detail. Lifetime Career Schools, Dept. A-578, 101 Harrison St., Archbald, PA 18403. 9/92

ARE CHEMICALS KILLING THE CHEMISTRY BETWEEN YOU AND YOUR CUSTOMERS? If you're not growing, you might want to consider converting to or adding a NaturaLawn Franchise. We are the industry leader in organic-based lawn care. We offer reduced franchise fees to existing businesses with a minimum of \$50,000 in existing annual lawn care revenue. **NaturaLawn of America, Mike Catron, 1-800-989-5444 (C).** 12/92

REINCO HYDROGRASSERS and power mulchers in stock. Opdyke Inc., (Philadelphia Area) 215-721-4444. TF

HELP WANTED

LANDSCAPE MAINTENANCE OPERATIONS MANAGER: or equivalent to enhance landscape business in San Francisco Bay area. Must have at least 5 years management experience. Ornamental horticulture degree or equivalent preferred. Salary commensurate w/previous experience. Send resume to: LM Box 494. 9/92

REGION/BRANCH LEVEL SERVICE AND SALES POSITIONS

Locations in the North Central, Northeast, Southeast, West. Use your outstanding leadership ability and people-handling skills to establish a career with a real future as the recognized leader in lawn care services to both residential and commercial accounts. We are expanding our market penetration and need talented self-motivated branch and sales managers who can take us to the top.

You will receive:

- *COMPETITIVE SALARY
- *COMPLETE TRAINING
- *CAR ALLOWANCE/COMPANY VEHICLE
- *FANTASTIC BONUS POTENTIAL
- *COMPREHENSIVE BENEFITS

If you have:

- *PROFIT AND LOSS RESPONSIBILITY EXPERIENCE
- *SALES OR SALES MANAGEMENT EXPERIENCE
- *SUPERVISORY EXPERIENCE

Start your future today by sending your resume in complete confidence to:

ORKIN LAWN CARE
Pat Guy
2170 Piedmont Road NE
Atlanta, GA 30324

South Florida, a major Landscape Contractor is looking for **Maintenance Route Supervisors**, **Landscape Installation Supervisors**, and a **Spray Department Manager**. Sales and supervision a must. Reply to LM Box 495. 10/92

Gothic Landscaping, a major landscape contractor is looking for Maintenance Route Supervisors and Landscape Installation Supervisors for Antelope Valley and Los Angeles divisions. Please send resume and salary history to: 27502 Ave. Scott, Valencia, CA 91355. 9/92

SALES REPRESENTATIVE

Great opportunity for energetic, self-motivated individual for full time sales. Interesting and challenging work in So. California for a distributor of specialty agricultural chemicals. PCA licenses and degree in biological science required. Excellent company benefits.

EOE NON SMOKING
SEND RESUME:

TARGET
P.O. BOX 1117
Cerritos, CA 90701

LANDSCAPE MAINTENANCE. Established firm with reputation for exceptional quality, seeking individual with 4 to 5 years of experience in full service lawn and landscape maintenance of high profile commercial properties. Must be self-motivated, creative, enthusiastic and organized with strong supervisory skills. Please send resume to: The Grounds-Keeper Lawn and Landscape Maintenance Specialist, Inc., 251 West Central Street, Suite 163, Natick, MA 01760. 9/92

CEMETERY SUPERINTENDENT: Westchester County New York. Desire individual with a BS in horticulture or related field and 5 to 10 years supervisory experience in the green industry. Send resume including employment and salary history to: Westchester Cemetery, P.O. Box 194, Valhalla, New York 10595. 9/92

LANDSCAPE & MAINTENANCE SALES: Established 40 year old triple A rated full service Landscape Maintenance Company seeks an experienced, aggressive, professional salesperson. Excellent opportunity for a highly motivated person. Prior sales experience a plus. **LANDSCAPE PRODUCTION MANAGER:** This position requires strong supervisory skills, the knowledge of all aspects of the Landscape/Construction industry, and employee relations. Minimum 5 years experienced in related field. If you are seeking a career with an established and successful company, please forward your resume and salary history to:

Terry Stout, **R.B. STOUT, INC.**, 1285 N. Cleveland Rd., Akron, Ohio 44333-1899. 10/92

General and Department Managers: Full service landscape company with multiple offices in S.C. seeks Experienced Manager in landscape, irrigation installation and ground maintenance. Responsibilities include bid preparation, labor and equipment scheduling and project control. Send resume to David Locklair, Starwood Inc., 3731 Sunset Blvd., W. Columbia, SC 29169. 9/92

IS YOUR JOB SECURE?

Lawn care careers available with a proven winner. If you like the lawn care industry and want to stay in it, check out a career with Spring-Green. There's a lot to choose from.

- * Franchise Opportunities
- * Management/Sales Positions
- * Service Specialist Positions

Become an important member of America's Neighborhood Lawn Care Team. Call Spring-Green at

1-800-435-4051

FOR SALE

Over 100 professional training videos including Irrigation, Pesticides, Safety, Pruning, Propagation, Plant Selection, Soil Preparation, Planting, Turf, Interiorscapes, Xeriscape, IPM and more. California Polytechnic State University. **FREE CATALOG.** 1-800-235-4146. 1/93

BENT GRASS available for immediate pick-up or delivery. For information call Jade Run Turf and Sod Farm: 800-332-1220. 9/92

TREES, WHITE PINE, WHOLESALE, TRIMMED AND NATURAL. \$25 each, any size 6' to 20' in Ashtabula County, OH. You dig and transport. Also available trees delivered locally. After 4 p.m. (216)845-4256. 9/92

LAWN SEED: Wholesale. Full line of top quality grasses. Improved bluegrass varieties, tall fescues and fine bladed ryegrasses. We specialize in custom mixing. Olinger Seed Company, 89 Hanna Parkway, Akron, OH 44319. Call collect (216)724-1266. TF

SPYDERS: New/Used/Rebuilt. New KOHLER K582 Engines, KABOTA Water Cooled Replacement engine kits. Complete line of Spyder and engine parts. All Spyder up date kits. Hydraulic pump and motor repair service. **MOBILE LIFT PARTS INC.**, 5402 Edgewood Rd., Crystal Lake, IL 60012. 800-397-7509, 815-455-7363. 11/92

Tulip Colorblends-Nature's Fireworks. Tulips for Fall planting. New ideas and Competitive Prices. GCSAA members have pre-approved credit. Customer Service and Follow-up Assistance call 1-800-877-8637. Write to: **Schipper & Co.**, P.O. Box 7584, Dept. L92, Greenwich, CT 06836-7584. Our Roots Are Bulbs. 9/92

PENNSYLVANIA GROWN SOD: PENNCROSS - Bentgrass available soil free. BLUEGRASS BLEND, BLUEGRASS/RYEGRASS Blend-Shipped via our trucks - forklift unloaded. **VICNOR FARMS, INC.**, Connoquenessing, PA 16027. 800-842-0461 10/92

FOR LEASE

HYDRO SEEDING UNIT & TRAILER: 350 GPM/50 PSI, Skid Mount 300 Gallon Tank, Manual Reel, 100' Hose, 10 HP Briggs I/C Engine, Manual Start, Nozzle Kit (4 Nozzles). Trailer Option-Single Axle, Steel Deck Trailer For Single, 300 Gallon Hydro Seeding Unit. Pond Fill System-Suction Hose & 3 Way Valve. Air Gap Fillwell-7" Air Gap For Hydrant Fill. **LEASE RATES:** Down Payment-\$500; 36 Payments @-\$218; Purchase Option-\$550; or Cash Price of \$5,000. Call Mark Taylor, **BUSH LEASING, INC.** 800-766-2874. 10/92

FINANCING

OUR ACCOUNTS RECEIVABLE PROGRAM OFFERS CONTRACTORS UNLIMITED LINES OF CREDIT, IMMEDIATE CASH FLOW AND LETTER OF FINANCIAL COMMITMENT, LOW NET-WORTH-NO PROBLEM. NEW BUSINESS START UPS O.K. ON CONTRACTS WITH ALL FEDERAL, STATE COUNTY-AGENCIES, MOST MAJOR COMMERCIAL FIRMS, UNIVERSITIES, AND HOSPITALS. BANK RATES AND 48 HOUR FUNDING. PLEASE REPLY TO: FFS CAPITAL, 899 BERGEN, STE 16580, JERSEY CITY, NJ 07306. 11/92

BUSINESS FOR SALE

FOR SALE: Reputable and prosperous Lawn Care, Tree Care and Lawn Irrigation business in Southern New Jersey. Gross sales \$500,000. Customer accounts: 1,075 Lawn Care, 160 Tree Care and 975 Irrigation. Highly skilled personnel. Tangible assets exceed \$150,000. Modern office and operations center on 6.5 acres available. Great expansion opportunity for growth oriented company. Owner retiring. Call Doug after 6 p.m. 609-726-1521. TF

Nitro-Green Professional Lawn and Tree Care franchise. Colorado Springs, Colorado. Incredible opportunity. Second largest city in Colorado. Established in 1984. \$30,000. (303)678-0990. TF

SOFTWARE

Route Manager System for scheduling and accounts receivable record keeping. Serving the Lawn Care Industry since 1982. List price \$350. Fortunate Computers, 46 N. 4th Street, Coplay, PA 18037. 800-275-0620. 12/92

AUTO-POST III+ an integrated business management system including invoices, statements, proposals, and inventory with job costing for \$249. Add our management module for \$299 and get payroll vendors, check writing and general ledger. Working demos \$10. NEW SERV CO. (513)829-1585. 9/92

MISCELLANEOUS

ENGINES, EQUIPMENT, COMMERCIAL MOWER PARTS AND MORE! - Get your **FREE** catalog from Landscapers' Supply Corp. by calling 1-800-222-4303 or in New York 1-914-429-8300. 12/92

FREE PARTS CATALOG— If you own a 36"—48"—52" walk behind mower and you feel you're paying too much for parts, call Preco Distributors toll-free and request our parts catalog. **BELTS, BLADES, GRASS CATCHERS, WHEELS AND LOTS MORE!** Replacement parts that fit: **BOBCAT, BUNTON, KEEES, EXMARK & OTHERS.** 1 day shipping coast to coast available. All parts carry a 90-day warranty. Don't wait, call 24 hours a day. **TOLL-FREE 1-800-428-8004**, in Massachusetts 413-583-6100. PRECO DISTRIBUTORS, 97 Center Street, Ludlow, MA 01056. TF

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This index is provided as an additional service. The publisher does not assume any liability for errors or omissions.

PRODUCT REVIEW

Radio system keeps golf carts out of protected areas

The Cartrol golf cart control system uses radio signals to keep golf carts away from areas they don't belong; eliminates signs, ropes, fences, and other barriers; and results in less mowing time.

A thin wire is buried six to eight inches deep in designated force field configurations. A radio signal is sent from a transmitter through the wire, creating a protected force field. When a cart enters the force field, a control box on the cart activates an audio warning and an indicator light, and forward gear is interrupted. Only the reverse gear is operational until the cart exits the protected area.

Control boxes cost \$225 per cart. Installation and components per green or other area is between \$1500 to \$2000. A design fee of \$600 depends on whether the course has blueprints/ aerial photographs.

Circle No. 195 on Reader Inquiry Card

New fertilizer coating ends nutrient release guesswork

O.M. Scott & Sons Company's new Poly-S fertilizer coating technology has been applied to the company's 21-3-20 NPK Turf Fertilizer.

NPK Turf Fertilizer is designed for more uniform turf growth and extended residual. Its one-to-one, nitrogen-to-potash ratio provides excellent initial green-up without surge growth.

"We're proud to offer superintendents and turf managers NPK Turf Fertilizer," says Richard B. Stahl, vice president and general manager of Scotts Professional Business Group. "Utilizing our state-of-the-art Poly-S technology, which provides polymer performance at SCU (sulfur-coated urea) prices, it is an excellent value."

The product supplies sufficient potash to build soil potassium levels and a maintenance rate of phosphorus and sulfur.

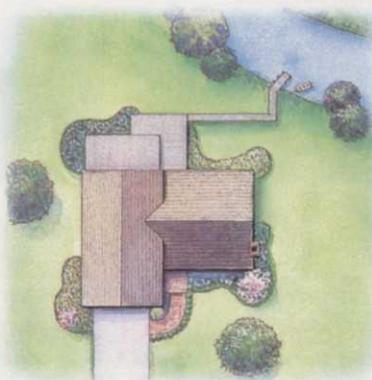
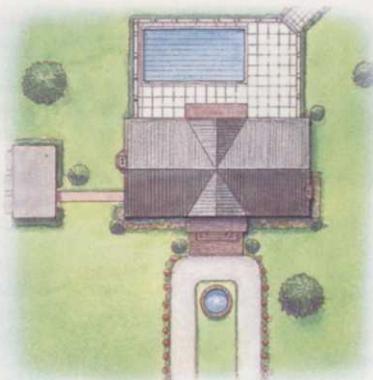
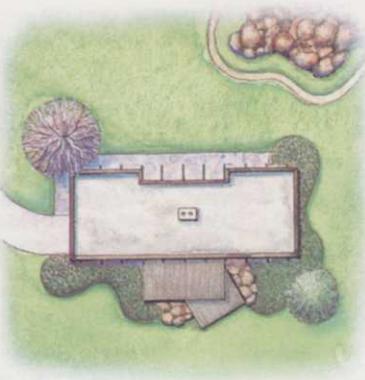
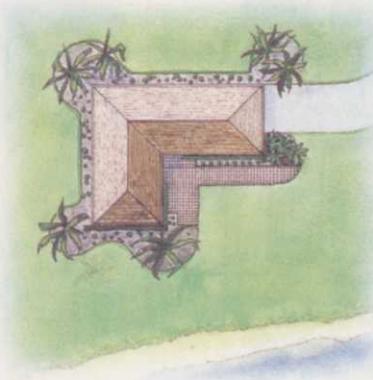
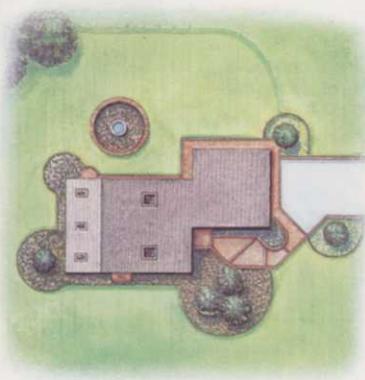
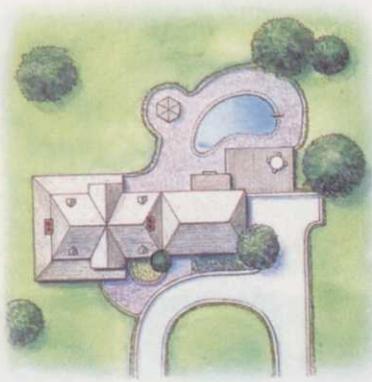
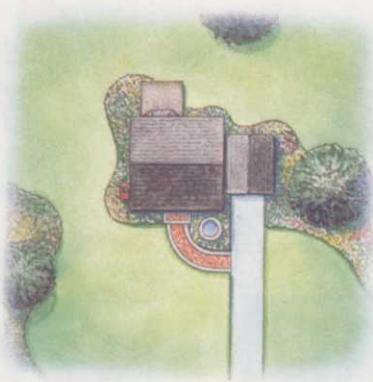
Circle No. 197 on Reader Inquiry Card

CORRECTIONS

The July issue of LM stated that Bill Pensyl is owner of Green Thumb Services in North Brunswick, N.J. However, Pensyl is actually operations manager for Green Thumb, which is owned by Joseph A. Bianco Sr. and Joseph A. Bianco Jr.

Also that month, in the article about deer tick control LM neglected to note that Dr. Brian Bret, who was cited, is with DowElanco.

We regret any inconvenience caused by these two oversights.



Make sure your equipment goes the whole nine yards.

Use Slick 50 Small Engine Formula. It gives mowers, trimmers, cutters and clippers the same kind of advanced PTFE treatment that protects your car's engine from wear. Your equipment runs longer, with fewer breakdowns. So you get to rake it in, instead of your repairman.

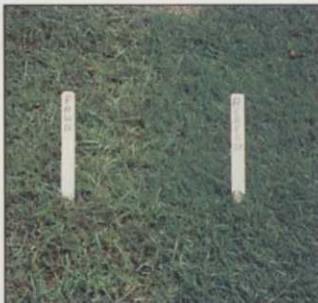
SLICK[®]
The Engine Wear
Protector. 50



Circle No. 133 on Reader Inquiry Card



Excellent Dark Color: When compared to other tall fescues, Rebel Jr provides the deep, dark color preferred by turf professionals.



The darker color of Rebel Jr is apparent in these test plots comparing Rebel Jr to other tall fescues.

Less Clippings: The lower, slower growth rate of Rebel Jr results in easier mowing and 30% less clippings. However, it is proven to have an advantage over the current, much-talked-about "extreme dwarfs"; as Rebel Jr does not grow so slowly that the plant's rate of establishment, vigor, tolerance to traffic and stress, or recuperative qualities are affected. The moderately slow growth rate of Rebel Jr is a distinct advantage over that of the extreme dwarf varieties.

Rate of Establishment: While Rebel Jr displays moderately slow growth, its rate of establishment is faster than the extreme dwarf varieties such as Bonsai.



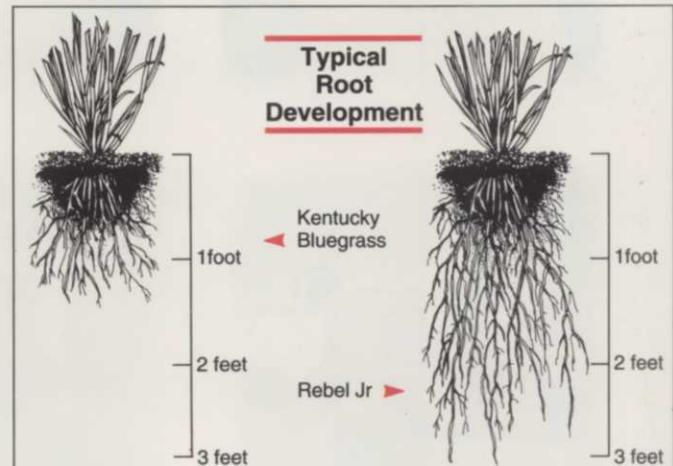
The dense, slower growth of Rebel Jr can be seen one week after mowing.

Top Performance with Less Maintenance: Rebel Jr from seed or sod is adaptable to full sun or moderate shade. It needs only low to medium maintenance and uses 25% less fertilizer than Kentucky bluegrass.



Rebel Jr will give excellent performance in sun or shade. It's ideal for use in hard-to-maintain areas such as golf course green banks, slopes, and bunker faces.

Improved Drought Tolerance: A deep, extensive root system allows Rebel Jr to display excellent drought tolerance.



Recommended Seed Mixtures for Sun or Shade

HOME LAWNS

100%	Rebel Jr Tall Fescue
or	
90%	Rebel Jr Tall Fescue
10%	Baron or Nassau Kentucky Bluegrass
or	
34%	Rebel Jr Tall Fescue
33%	Rebel II Tall Fescue
33%	Tribute Tall Fescue

ATHLETIC FIELDS

80%	Rebel Jr Tall Fescue
10%	Palmer II Perennial Ryegrass
10%	Baron or Nassau Kentucky Bluegrass
or	
30%	Rebel Jr Tall Fescue
30%	Rebel II Tall Fescue
20%	Tribute Tall Fescue
10%	Palmer II Perennial Ryegrass

GOLF COURSE ROUGHS

90%	Rebel Jr Tall Fescue
10%	Georgetown Kentucky Bluegrass

30%	Rebel Jr Tall Fescue
30%	Rebel II Tall Fescue
20%	Tribute Tall Fescue
10%	Palmer II Perennial Ryegrass
10%	Georgetown Kentucky Bluegrass

UTILITY TURF

100%	Rebel Jr Tall Fescue
or	
34%	Rebel Jr Tall Fescue
33%	Rebel II Tall Fescue
33%	Tribute Tall Fescue

GOLF COURSE BUNKERS

Rebel Jr Tall Fescue Sod
or
Rebel Jr, Rebel II and Tribute Tall Fescue Sod

Use Rebel Jr wherever a tall fescue is suitable. You'll get dark color, moderately slow growth and top performance in sun or shade.



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